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Rio Blanco Oil Shale Project

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JUNE, JULY & AUG. SUMMER 1975

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LINE-STRIP METHOD 83.C.2.2.1-11
SHRUB, TREE SEEDLING STRATUM

Project 83
Sheet 1 of

Beg. Pt. Near A-8 (old Aspen grid)

Vegetation Type Aspen — Permanent Transect # 1

T 2 S R 100W S 15 1/4 1/4 S NW/SW — Transect Length 100 MCT.

Aspect (degrees) 58° (NE 321) Slope (percent) 45% Elevation (feet) 8400'

Field Analyst(s) Pick / Ellis — Date 6-4-75

Site Description OPor STAND - RASC. BRUSH (3½ m hid) — QA Check

HAM Dominant - Bit + Mat Low - Taller Grassy Herb Layer - Sparse Poorly developed
Bisected by Dip + cove

Species	Code #	Phenology Code	# in each 6 x 20 m quadrat 3	2	1	4	5	Condition
1 Prunus virginiana	23	1	72	-	3	80	51	NORMAL
2 Symphoricarpos oreophilus	33	1	45	70	32	23	19	Rodent damage (Back strip)
3 Rosa woodsii K.V.	041 ~~38~~	1	19	65	10	15	3	normal
4 Populus tremuloides	3	1	17	15	10	23	6	normal
5 Amelanchier alnifolia	32	1, 2	22	4	8	7	8	Back stripped
6 Ribes sp.	27	1	12	41	-	1	3	normal *
7 Quercus gambelii	25	1	1	-	-	-	-	normal
8 Artemisia tridentata	14	2	-	-	2	-	-	normal
9								
10								

Intercepts (cm) Meters — * Many resprouts

Species	I_1	I_2	Dia	I_1	I_2	Dia	I_1	I_2	Dia	I_1	I_2	Dia
Prunus virg.	0.00	0.95	.79	1.33	1.69	.50	2.65	2.97	1.33	3.50	3.73	.98
	3.68	3.97	.43	4.09	4.41	.33	4.18	5.09	2.1	4.22	4.83	2.5
	6.45	7.17	1.33	8.31	8.36	.25	9.68	9.73	.19	9.89	10.19	2.25
	11.11	11.69	.75	13.50	13.72	.54	16.74	16.86	.33	0	0	
	0.00	1.70	3.5	3.14	4.41	4.3	5.20	5.40	.25	9.1	10.5	1.8
	10.60	10.78	.35	10.91	11.09	.34	12.02	12.59	.98	12.80	12.94	.24
	16.10	16.32	.27	19.91	20.01	.04	12.86	13.56	.95	13.74	13.92	1.0
	14.30	14.72	.75	15.59	16.03	.37	18.92	19.04	.20	19.67	20.00	.87
Amelanchier UTAH	9.53	9.70	.62	10.73	11.04	1.20	13.13	13.34	1.15	15.00	15.66	.95
	17.82	17.94	.65	18.65	18.77	.12	0.30	3.19	.85	7.71	7.83	.65
	9.10	16.03	3.2	0.4	2.65	4.1	4.51	9.42	5.2	17.41	17.81	2.3
	7.11	16.36	3.9	10.62	10.93	2.5	10.44	12.11	1.95	12.00	13.14	3.4
Populus trem	0.51	0.32	1.55	5.72	6.75	1.45	11.96	12.52	2.75	13.69	14.62	1.35
	15.63	16.10	1.40	9.75	11.03	3.95	16.13	16.20	.42	16.62	16.81	.55
	1.15	3.34	3.1	15.30	16.15	2.1	17.11	17.21	.85	17.39	18.30	3.1
	18.27	19.98	2.5	19.20	19.40	.75	1.44	2.23	2.5			

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LINE-STRIP DATA SHEET
SHRUB, TREE SEEDLING STRATUM

83.6.2.2.1-12

Project 83

Sheet 1 of 2

25 / COW 15 NWSW

Vegetation Type Aspen Permanent Transect # 1 Date 6-4-15

T

in meters

Species	I_1	I_2	Dia	I_1	I_2	Dia	I_1	I_2	Dia	I_1	I_2	Dia
Symp	1.81	1.96	.35	5.95	6.13	.50	6.32	7.01	1.0	8.42	8.89	.51
	10.36	10.57	.10	15.51	15.59	.05	12.20	12.26	.06	18.03	18.22	.25
	18.95	19.11	.35	10.31	0.63	.25	1.69	1.82	.40	3.72	3.90	1.10
	9.60	9.66	.20	11.04	11.42	.28	14.43	14.46	.08	15.92	16.20	.30
	16.71	17.02	.22	17.35	17.85	.55	1.92	1.93	.25	2.39	2.90	.40
	3.11	3.33	.18	5.81	5.80	.15	6.44	6.93	.75	7.21	7.41	.20
	11.26	11.34	.05	12.80	13.29	.50	13.80	14.05	1.22	17.96	18.35	.47
	19.00	19.14	.36	19.39	19.90	.68		0		cont'd		below
Ross. woodsii sp.	3.02	3.12	.15	3.39	3.62	.08	4.68	4.70	.03	11.26	11.27	.01
	11.60	11.72	.15	14.33	15.10	1.10	15.69	15.81	.18	18.0	18.04	0.09
	18.81	18.97	.25	4.20	4.31	.06	6.45	6.53	.03		0	
	14.14	14.92	.42									
Spiraea sp.	7.55	7.75	.25	18.53	18.65	.15	19.36	19.49	.20	1.41	1.44	.05
	2.51	2.61	.25	8.08	8.22	.30		0			0	
	5.42	5.62	.44	7.26	7.34	.21	7.44	7.74	.49			
Quercus gambelii	6.65	18.20	4.3	0	0	0						
Symp. o.	3.69	3.81	.47	15.15	15.20	.06	17.38	17.79	.75			
Amel (arborea) cont'd	17.86	19.48	3.7									

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QUADRAT DATA SHEET
HERBACEOUS STRATUM

83.C.2.2.1-12 15

Project 83

Sheet 1 of 1

Vegetation Type ASPEN Transect # 1 Type PERM.

T 25 R 100W S 15 1/4 1/4 S NW SW Quadrat Size .5m²

Aspect (degrees) 58 (232) Slope (percent) 45 Elevation (feet) 8700

Field Analyst(s) NICK / ELLIS Date 4 Jun 75

Site Description open stand - deep shade (3.5 m high) QA Check

Understory not counted due to shade

Species	Code #	Phenology Code	Quadrat Number 1	2	3	4	5	6	7	8	9	10
Total Percent Cover			7	6	1	4	3	2	1	3	9	10
Percent of Total · Each Species												
Carex rossii	160	2	5	5	1	5	15	10	2	3		8
Fragaria ~~sp.~~ vesca ssp. americana K.V. ~~1965~~					2						1	
Geranium ~~sp.~~ richardsonii K.V.	84											
Valeriana ~~sp.~~ occidentalis K.V. ~~263~~		294			T	T						
Potentilla ~~sp.~~ gracilis K.V. ~~262~~		317			T							
Cryptantha ~~sp.~~ celosioides K.V. ~~096~~		194			T							
Viola ~~sp.~~ palustris K.V. ~~118~~		318								T	T	
Salix ~~sp.~~ fendleri K.V. 116												T
Sp												

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LINE-STRIP DATA SHEET 83.C.2.2.1-14
MATURE TREE STRATUM

Project 83

Sheet 1 of 1

Vegetation Type Aspen Transect # 2 Type Nm-Perr

T 25 R 100W S 27 1/4 1/4 S NE/SE Transect Length 100 meters

Aspect (degrees) 341° Slope (percent) 15% Elevation (feet) 8400'

Field Analyst(s) Dicks Ellis Date 6-4-75

Site Description open even aged stand Mature Aspen Stand Canopy (1A) QA Check DRaw

smooth aspen bark 4 m. high
large ash & chokecherry

Species	Code #	Phenology Code	# in each 6 x 20 m quadrat 1	2	3	4	5	Condition
1 P. Tremuloides	3	1	13	4	3	11	14 (05)	
2								
3								
4								
5								

Species	Intercepts (cm) I_1	I_2	I_1	I_2	I_1	I_2	I_1	I_2	Trunk Diameter (cm) of Each Tree
P tem.	4.63	5.70	5.26	6.15	0.32	2.91	13.06	15.31	12, 12, 10, 11, 9
	10.81	12.60	7.72	11.29	10.00	13.50	13.40	15.60	12, 11, 13, 12, 8
	16.65	16.31	17.53	20.10	.00	2.10	.30	3.05	12, 10, 8
Spe	.41	2.70	2.34	4.20	7.26	9.12	11.04	12.60	
	11.90	14.10							11, 11, 10, 8
									11, 12, 9
									17, 13 9 8, 9
									15, 13, 13, 12
									10, 9
									10, 13, 13, 9, 8, 9
									9, 10, 12, 15, 10
									15, 17, 15

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LINE-STRIP DATA SHEET 23.C.2.2.1 - 5

SHRUB, TREE SEEDLING STRATUM

Project _____

Sheet 1 of 2

Vegetation Type Aspen Non-Permanent Transect # 2

T 7 S R 10 S 27 1/4 1/4 S NE/SE Transect Length 100m.

Aspect (degrees) 341° Slope (percent) 15% Elevation (feet) 5400'

Field Analyst(s) _____ Date 6.11.75

Site Description Sm. unit. tree, SE QA Check JMcC

Species	Code #	Phenology Code	# in each 6 x 20 m quadrat 1	2	3	4	5	Condition
1 P. tremuloides	3	1	3	26	17	18	10	normal
2 Rosa woodsii — Cercocarpus K.V.	~~27~~ 042	1	26	17	32	30	15	"
3 Symphoricarpos oreophilus	33	1	40	30	7	20	49	"
4 Acer glabrum	10	1	1	3	2	6	1	" (LARGE)
5 Rosa woodsii — K.V.	041 ~~28~~	1	20	5	5	18	4	"
6 Pseudotsuga menziesii	23	1	1	3	63	21	-	"
7 Abies	32	1	-	2	-	1	1	"
8 Amelanchier alnifolia	14	2	-	-	-	-	2	"
9								

Intercepts (cm)

Species	I_1	I_2	I_1	I_2	I_1	I_2	I_1	I_2	I_1	I_2
P. tremuloides	0.21	0.33	0.59	0.64	1.11	1.21	1.41	2.65	10.20	10.51
	10.91	11.60	11.65	12.41	13.40	13.99	13.81	14.48	14.80	15.23
	17.10	18.20	18.62	19.10	2.51	2.59	3.70	4.72	5.59	5.91
	8.20	8.91	3.11	3.35	3.85	4.63	5.51	5.86	12.70	13.54
	7.52	8.40	10.33	10.56						
Rosa woodsii	13.71	13.[illegible]	14.55	14.81	[illegible]20	[illegible]	17.29	17.53	17.98	18.00
	19.[illegible]	20.00	0.0	2.[illegible]	1.55	1.61	3.41	3.49	7.[illegible]	7.64
	15.36	16.12	0.21	1.31	3.75	4.33	7.53	7.79	4.00	4.49
	13.0[illegible]	13.2[illegible]	2.51	12.6[illegible]	[illegible]	[illegible]	.22	.31	2.95	3.08
	4.0	4.03								

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LINE-STRIP METHOD 83.C.2.2.1-18
SHRUB, TREE SEEDLING STRATUM

Project 3

Sheet 1 of 2

Vegetation Type [illegible] Permanent Transect # 3

T 15 R [illegible] S 33 1/4 1/4 S [illegible] Transect Length 100m

Aspect (degrees) 351° Slope (percent) [illegible] Elevation (feet) 5580

Field Analyst(s) [illegible] Date 6/5/85

Site Description [illegible] QA Check [illegible]

Species	Code #	Phenology Code	# in each 6 x 20 m quadrat 1	2	3	4	5	Condition
1 Amelanchier utahensis	32	2	11	14	5	19	30	normal
2 Acer glabrum	10	2	4	2	1		1	
3 Prunus tom.	3	2		4	4	12	6	
4 Pseudotsuga menz.	4	2	2	3				
5 Symph. oreophilus	33	2	61	41	49	38	26	
6 Prunus virginiana	23	2	2	7	13	15	17	
7 Rosa woodsii var. ultramontana	041 ~~28~~	2		4	2	8	13	✓
8								
9								
10								

Intercepts (cm)

Species	I_1	I_2	Dia	I_1	I_2	Dia	I_1	I_2	Dia	I_1	I_2	Dia
Symphoricarpos oreophilus	0.00	5.31	.52	5.31	5.92	.24	5.91	5.[illegible]	.27	6.52	6.27	.74
	19.79	19.99	.26	0.50	.98	.[illegible]	1.94	2.17	.25	2.36	[illegible].11	4
	3.31	3.61	.28	4.21	4.50	.21	4.21	6.50	1.25	7.32	7.56	1.25
	2.90	13.41	.25	3.80	13.31	.24	14.50	15.[illegible]	.39	5.72	6.22	.25
	6.70	8.20	1.50	8.40	9.68	2.25	11.23	11.93	.40	15.06	16.13	2.50
	18.76	19.04	.30	0.60	[illegible].78	.18	5.32	[illegible].02	.42	8.90	[illegible].01	.18
	18.32	18.56	.37	19.35	19.99	.63	0.91	1.06	.12			
Acer glabrum	0.00	4.21	3.75	[illegible].80	11.30	2.75	11.27	11.76	1.25	[illegible]		
Prunus virginiana	[illegible]	[illegible]	[illegible]	2.09	2.27	.30	[illegible]	[illegible]	.20	7.30	[illegible].19	.25
	4.89	5.93	[illegible]	5.11	6.06	.40	[illegible].73	[illegible].98	3.75	14.53	15.05	1.25
Amelanchier utah. sp.	16.50	20.90	4.00	[illegible]	[illegible]	[illegible]	1.52	4.16	5.00	4.80	[illegible].65	3.25
	9.30	[illegible].41	[illegible]	9.9[illegible]	[illegible].91	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	19.10	19.50	.41	7.35	9.32	[illegible]	[illegible]	[illegible]	6.00	[illegible]	14.76	4.50
	17.24	[illegible]	[illegible]	17.[illegible]	[illegible]	1.75	[illegible]	[illegible]	[illegible]			
[illegible]	[illegible]	[illegible]	03	11.23	11.[illegible]	.25	[illegible]	[illegible]	[illegible]	15.50	15.75	.40

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LINE-STRIP DATA SHEET
SHRUB, TREE SEEDLING STRATUM

Project

Sheet 2 of 2

Vegetation Type

Permanent Transect # 3 Date 6/5/75

T

A

Species	I_1	I_2	Dia	I_1	I_2	Dia	I_1	I_2	Dia	I_1	I_2	Dia
Populus?	9.0	9.40	.25									
Amelanchier	0.00	0.57	1.75	4.03	5.74	2.75	6.54	7.21	.63	7.67	7.32	.90
	9.27	10.18	2.00	10.73	12.82	2.50	13.78	16.75				
Prunus	16.25	16.85	2.00	17.10	20.00	3.00						

Spec

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QUADRAT DATA SHEET 83.C.2.2.1-20
HERBACEOUS STRATUM

Project _____

Sheet 1 of _____

Vegetation Type Aspen Transect # 3 Type P

T 15 R 10W S 33 1/4 1/4 S SW¼ Quadrat Size 20m

Aspect (degrees) 351° Slope (percent) 45% Elevation (feet) 8520

Field Analyst(s) Kessler, Kennedy Date 6/5/75

Site Description Palmer Lake Quadrangle QA Check J. Ann

	Species	Code #	Phenology Code	Quadrat Number 1	2	3	4	5	6	7	8	9	10
	Total Percent Cover	NA											
	Percent of Total · Each Species												
1	Carex geyeri	160	2	T			T	T		2.5	T	1.0	.5
2	Agropyron trachycaulum	54	2	T		.5	2.0	1.5		T	.5	T	T
3	Unkn. ± 1 A3.1	214	2	T					T		T	1.0	
4	Smilacena sp	119	2	T	T	T	T				T	T	
5	Erigeron sp.	78	2		T								8.0
6	Bromus marginatus	66	2				T	.5	.5	T	T		
7	Hertensia brevistylis	215	2					T	T				
	Spergula sp	132	2					2.0	T				
9	Carex [illegible]	138	2					T					
10	Valeriana occidentalis A3.2	244 ~~210~~	2						T				
11	Achillea lanulosa	50	2						+				T

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LINE-STRIP METHOD 83-C-32-8-50
SHRUB, TREE SEEDLING STRATUM

Project 83

Sheet 1 of 2

Vegetation Type Sage

Permanent Transect # 1

T 15 R 98W S 19 1/4 1/4 S NWSW Transect Length 100 m.

Aspect (degrees) 70° Slope (percent) 2% Elevation (feet) 6520'

Field Analyst(s) E. Loechler K. Kosbab Date 5/23/

Site Description 100wb. w. dtd. nw. survey flag at top of small hill QA Check

Species	Code #	Phenology Code	# in each 6 x 20 m quadrat 1	2	3	4	5	Condition
1 Art. tri	14	2	50	59		123	61	normal
2 Chr. viscidiflorus	20		6	15				↓
3 Tet. canescens	31			3	34	13	16	
4 Opuntia polyacantha	37			21		11	4	↓
5								
6								
7								
8								
9								
10								

Intercepts (cm)

Species	I_1	I_2	Dia	I_1	I_2	Dia	I_1	I_2	Dia	I_1	I_2	Dia
Art. tri	3.25	3.63	50	6.02	6.81	60	8.51	9.05	55	10.42	11.05	60
	13.33	13.50	19	15.88	16.45	62	17.92	18.50	54	3.42	3.72	27
	4.00	4.45	72	4.82	5.00	15	8.51	9.29	85	9.90	10.60	68
	16.36	16.62	25	18.48	18.73	23	19.25	19.39	20	0.35	0.55	20
	1.12	1.42	25	1.85	2.12	30	3.92	4.71	60	4.95	5.15	15
	5.89	6.05	10	5.55	7.[illegible]	75	8.66	8.95	30	9.60	10.30	60
	[illegible]	85	90	11.70	13.[illegible]	20	13.52	14.01	35	16.04	16.28	15
	16.15	16.60	18	18.40	18.75	28	19.35	19.55	15			
Opuntia polyacantha	11.5	11.35	22	13.14	13.20	10	17.00	17.05	20	15.78	15.12	40
Cryp. Vascidiflorus	12.48	12.62	15									

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LINE-STRIP METHOD 83.C.2.2.8-S
SHRUB, TREE SEEDLING STRATUM

Project 83

Sheet 1 of 2

Vegetation Type SAGEBRUSH — (Permanent) Transect # 3

T 25 R 100 W S 16 1/4 1/4 S NENE Transect Length 100 m

Aspect (degrees) 85 Slope (percent) 20% Elevation (feet) 8530'

Field Analyst(s) Jim Stokes, Curt Ellis Date June 1, 1975

Site Description Sagebrush/grass/forbs - adjacent to steep hillside QA Check DJ Ver

Species	Code #	Phenology Code	# in each 6 x 20 m quadrat 1	2	3	4	5	Condition
1 Artemisia tridentata	14	2	124	82	81	106	109	
2 Symphoricarpos oreophilus	33	1	69	37	54	21	42	
3 Chrysothamnus viscidiflorus	20	dormant-8	8	5	10	10	40	
4 Amelanchier utahensis	32	1	5	15	15	14	6	
5 Rosa woodsii LL 041 28		8			2			
6								
7								
8								
9								
10								

Intercepts ~~(cm)~~ (m)

Species	I_1	I_2	Dia	I_1	I_2	Dia	I_1	I_2	Dia	I_1	I_2	Dia
Artemisia tridentata	1.28	1.34	.40	13.2	13.66	.68	6.28	7.10	.53	9.20	10.37	.80
	1.77	1.80	.80	14.31	15.47	.87	8.60	8.71	.13	11.00	11.32	.35
	3.38	4.11	.70	19.13	19.93	.75	9.71	10.40	.44	12.40	12.84	.12
	5.12	5.38	.60	17.29	18.35	.225	11.5	8.11	.97	13.52	14.71	.95
	5.69	6.04	.63	18.5	18.85	.11	18.21	18.59	.40	19.15	19.7	.45
	7.50	7.74	.70	0.0	1.10	.30	18.35	18.87	.51			
	8.78	9.12	.73	1.0	1.30	.75	28.85	3.90	.60			
	10.15	11.13	.43	2.10	2.12	.90	4.25	4.60	.80			
	11.59	12.15	.77	4.85	5.15	.45	6.40	6.82	.60			
	14.5	12.62	.40	5.80	6.12	.16	7.20	7.94	.85			
Symphoricarpos oreophilus	20.72	20.74	.70	20.01	10.99	.10	19.78	19.79	.30	14.70	15.10	.40
	4.53	4.60	.24	19.95	17.43	.06	1.20	1.40	.20	15.65	16.52	.45
	6.15	6.46	.42	16.25	16.28	.04	2.60	2.80	.40	17.10	17.52	.30
	9.00	9.90	.30	16.94	16.96	.08	5.02	5.09	.50			
Chrysothamnus viscidiflorus	6.77	6.13	.13	19.2	19.19	.06	10.50	10.86	.45			
	14.70	14.25	.25	5.35	5.51	.10	11.43	12.04	.25			
Amelanchier utahensis	14.5	14.1	.52	2.70	3.90	.105	7.10	8.38	.107	8.00	8.86	.30
	13.87	14.85								14.59	14.94	.35
										17.60	18.34	.90

Estimation instead of measure

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QUADRAT DATA SHEET
HERBACEOUS STRATUM

83.C.2.2.P-58

Project 83

Sheet 1 of 1

Vegetation Type ~ESC~ Transect # 3 Type PERMANENT

T 2 R 100W S 16 1/4 1/4 S NE NE Quadrat Size .5 m²

Aspect (degrees) 85 Slope (percent) 20 % Elevation (feet) 8530'

Field Analyst(s) ELLIS / STATES Date 1 June 75

Site Description Sagebrush-Symp Assoc Cache Drainage, mixed brush QA Check O Ohs

Species	Code #	Phenology Code	Quadrat* Number 1	2	3	4	5	6	7	8	9	10
Total Percent Cover												
Percent of Total · Each Species			NA									
Carex geyeri	160	2	12	6	10	8	/	6	20	1		
Eriogonum umbellatum	128	2	2	T						3	3	
Carex sp.	68	2		T						2	6	
Delphinium nelsonii	167	2					T				T	
Bromus sp.	163	1					2			T		
Solidago sp.	130	2					T					T
Geranium sp	84	2					T					
Lupinus sp.	94	1								T		
Mertensia sp.	96	3									T	
Poa sp.	175	2									1	T
Polygonum sp.	166	2									T	

* Coded in numerical order

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LINE-STRIP METHOD 83.C.2.2.8-59

SHRUB, TREE SEEDLING STRATUM

Project 83

Sheet 1 of

Vegetation Type Sage

Permanent Transect # 4

T 15 R 99W S 34 1/4 1/4 SESE Transect Length 100m

Aspect (degrees) 356 Slope (percent) 2% Elevation (feet) (6660)

Field Analyst(s) K... K...l Date 6/1/75

Site Description 2nd ... is disturbed by ... QA Check

Species	Code #	Phenology Code	# in each 6 x 20 m quadrat 1	2	3	4	5	Condition
1 Artr	14	2	198	181	261	228	335	normal
2 Atra	15	2		1				↓
3 Chvi	20	2		2	1			↓
4 Opoo	37	2					3	↓
5								
6								
7								
8								
9								
10								

Intercepts ~~(cm)~~ m

Species	I_1	I_2	Dia	I_1	I_2	Dia	I_1	I_2	Dia	I_1	I_2	Dia
Artr	1.15	1.35	.12	1.45	1.94	.31	2.12	2.75	.69	3.09	3.77	.65
	4.08	4.13	.07	4.15	[illegible]	[illegible]	4.86	5.09	.18	5.27	6.10	.41
	6.96	7.98	.61	7.36	7.74	.07	8.21	8.44	.24	9.51	9.74	.18
	10.00	11.01	.12	11.11	11.58	.39	13.59	13.99	.30	14.37	14.92	.22
	15.40	15.09	.15	15.84	17.01	.74	17.46	18.01	.65	18.61	18.70	.32
	1.70	1.76	.13	2.16	2.48	.27	3.90	4.68	.71	4.10	4.19	.11
	4.41	4.86	.32	5.35	5.48	.09	6.62	6.66	.04	10.89	10.91	.07
	11.17	11.20	.61	11.81	12.19	.79	12.61	12.74	.07	12.69	12.71	.42
	14.50	14.91	.12	14.71	14.75	.06	15.02	15.05	.06	15.08	15.63	.19
	16.48	16.74	.19	17.71	18.10	.24	18.58	18.88	.27	19.10	19.42	.45
	19.81	20.21	.37	0.72	0.82	.06	0.75	0.89	.09	0.91	1.09	.06
	1.15	1.32	.31	2.35	2.95	.34	2.97	2.18	.19	3.71	3.89	.24
	4.30	4.71	.29	4.80	5.06	.21	5.44	5.18	.37	6.27	6.48	.11
	7.25	7.29	.08	7.11	7.15	.07	7.63	7.65	.06	7.97	8.08	.03
	8.90	9.00	.10	9.37	9.84	.39	9.89	9.93	.24	10.54	10.65	.13
	10.95	11.20	.30	11.96	12.34	.21	13.54	13.62	.12	15.00	15.04	.14
Chvi	1.99	2.03	.02	13.17	13.21	.06	(cont →					

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LINE-STRIP METHOD 83.C.2.2.8-65
SHRUB, TREE SEEDLING STRATUM

Project 32

Sheet 1 of 2

Vegetation Type Sagebrush — Permanent Transect # 6

T 15 R 93w S 30 1/4 1/4 S NE/SW — Transect Length 100m

Aspect (degrees) 150 — Slope (percent) 2% — Elevation (feet) 6420

Field Analyst(s) Ellis/Thorne — Date 5/30/75

Site Description bottomland — QA Check J Ahr

Species	Code #	Phenology Code	# in each 6 x 20 m quadrat 1	2	3	4	5	Condition
1 Sage	~~26~~ 29	2	44	24				normal
2 Antelope	14	2	105	108	68	62	65	many young plants
3 Chrysothamnus	19	2	39	25	40	62	28	many young plants
4								
5							-	gone
6								
7								
8								
9								
10								

Intercepts (~~cm~~) m

Species	I_1	I_2	Dia	I_1	I_2	Dia	I_1	I_2	Dia	I_1	I_2	Dia
Sage	1.21	2.22	1.05	3.12	3.32	.18	4.20	4.43	.23	11.70	12.00	.30
	14.52	14.55	.15	16.0	16.18	.25	18.31	18.35	.74	18.0	18.31	.25
	19.75	19.25	.55	1.08	1.31	.30						
Antelope	5.22	5.67	.45	5.90	6.03	.24	7.95	8.46	.75	9.80	10.10	.52
	11.31	11.92	.65	12.[illegible]	13.66	.25	15.42	15.54	.12	19.[illegible]	[illegible]	.65
	2.60	2.90	.35	3.95	4.20	.30	4.65	5.21	.70	10.52	10.[illegible]	.45
	11.18	11.62	.42	13.65	14.10	.47	17.50	18.18	.85	12.55	[illegible]	.90
	0.24	1.37	1.20	[illegible]	[illegible]	.66	6.80	7.76	.97	12.95	13.[illegible]	1.5
	15.55	16.25	.72	[illegible]	[illegible]	.20	0.30	1.33	1.45	2.25	[illegible]	.[illegible]
	3.09	3.23	.23	11.10	11.22	.10	11.30	11.42	.08	11.[illegible]	[illegible]	.07
	12.02	12.[illegible]	.5	12.35	[illegible]	.21	12.[illegible]	[illegible]	.45	14.43	15.10	.67
	[illegible]	13.11	1.20	13.00	14.25	2.25	1.72	3.76	2.30	4.20	[illegible]	.95
	5.24	5.06	.25	14.12	15.21	2.01	15.[illegible]	16.63	1.60	16.43	13.43	2.80
	18.70	19.95	2.25									
CONT NEXT PAGE												

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1S 9W S30 NESW 83.C.2.2.8-66

LINE-STRIP DATA SHEET
SHRUB, TREE SEEDLING STRATUM

Project B3

Sheet 2 of 2

Vegetation Type Sagebrush Permanent Transect # 6 Date 5/30/75

Species	I_1	I_2	Dia	I_1	I_2	Dia	I_1	I_2	Dia	I_1	I_2	Dia
Chma	8.00	9.32	.40	2.92	3.49	.75	3.71	3.93	.70	5.08	6.00	1.30
	13.25	13.55	1.30	3.40	3.32	.55	7.81	8.11	1.10	8.50	8.65	.33
	10.05	10.15	.15	14.40	15.25	.95	17.60	19.11	1.55	7.90	7.72	.14
	10.44	10.88	.55	15.42	16.43	1.00	0.00	0.75	1.10	1.24	1.80	.73
	4.50	4.91	.57	9.35	11.25	2.20						

83.C.2.2.8 – 68

LINE-STRIP DATA SHEET

SHRUB, TREE SEEDLING STRATUM

Project 83

Sheet 1 of 1

Vegetation Type SAGE Brush near road with bush and grass

Non-Permanent Transect # 7

T 25 R 99W S 6 1/4 1/4 S SE/NE Transect Length 100m

Aspect (degrees) 165 Slope (percent) 20 % Elevation (feet) 7240 ft

Field Analyst(s) Erin Turner Date 5/20/95

Site Description eroded site, young aspen on hillside, mixed with sage brush QA Check

Species	Code #	Phenology Code	# in each 6 x 20 m quadrat 1	2	3	4	5	Condition
1 Artr	14	2	79	75	72	58	69	some → but many galls
2 Teca	31	2	9	8	5	14	2	heavy browsing
3 Atco	16	2	2	6	3	29	3	"
4 Syor	33	2	1	3	9	3	6	"
5 Chna	19	2		2	3	8	15	heavy browsed
6 Chvi	20	2				13	4	" "
7 Atca	15	2					4	" "
8								
9								many young aspen
10								

Intercepts (cm)

Species	I_1	I_2	I_1	I_2	I_1	I_2	I_1	I_2	I_1	I_2
Artr	1.52	2.30	2.35	2.62	4.12	4.25	6.0	6.32	7.20	7.31
	8.76	9.71	9.90	10.91	12.71	13.51	13.18	13.49	15.0	15.58
	15.31	15.5	1.61	2.01	2.39	3.10	3.15	3.79	4.32	4.91
	5.75	6.75	9.01	10.62	11.19	12.10	13.01	13.15	13.30	14.01
	14.9	14.34	15.02	15.31	17.12	17.20	18.74	18.77	19.03	19.73
	0.40	1.12	3.15	3.26	6.23	6.55	6.35	7.02	7.30	7.40
	8.63	9.42	13.30	14.22	15.36	16.45	18.45	18.89	0.0	0.71
	2.44	2.30	4.35	5.30	6.71	7.41	16.10	16.20	19.71	20.50
	8.39	1.69	5.74	6.79	8.45	9.26	9.35	9.52	10.09	11.12
	16.59	17.13	17.40	17.93						
Artr	4.30	4.41								
Teca	16.64	16.76	12.65	12.53						
Syor	16.79	17.32								
Chna	19.01	20.04	10.32	10.79	14.42	14.64				
Atco	2.25	2.64	6.41	6.76						

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LINE-STRIP DATA SHEET 83.C.2.2.8-69

SHRUB, TREE SEEDLING STRATUM

Project 3

OFF TRACT

Sheet 1 of 1

Vegetation Type Sagebrush Non-Permanent Transect # 8

T 15 R 98W S 33 1/4 1/4 S NWSW Transect Length 100 m

Aspect (degrees) 270 Slope (percent) 3% Elevation (feet) 6500'

Field Analyst(s) [illegible] Date [illegible]

Site Description Open stand on ridge, fossil material QA Check [illegible]

Species	Code #	Phenology Code	# in each 6 x 20 m quadrat 1	2	3	4	5	Condition
1 Anta	14	2	43	39	45	41	62	normal
2 Eurotia lanata	22	2	11	6	0	0	3	
3 ~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~					
4 Chrysothamnus depressus	36	2	38	10	30	6	4	
5								
6								
7								
8								
9								
10								

Intercepts (cm)

Species	I_1	I_2	I_1	I_2	I_1	I_2	I_1	I_2	I_1	I_2
Anta	7.10	8.34	[illegible]	9.05	10.52	11.06	13.70	13.98	15.72	16.03
	16.05	.58	19.36	18.45	18.45	18.76	19.27	19.49	24.24	24.43
	[illegible]	[illegible]	[illegible]	3.48	3.70	3.36	4.75	4.98	6.49	7.05
	7.11	[illegible]	9.09	9.70	[illegible]	[illegible]	[illegible]	11.25	11.45	12.00
	12.79	13.80	15.[illegible]	15.48	20.35	20.67	22.60	23.10	24.60	24.82
	28.00	28.28	3.15	[illegible]	4.00	-5.19	05.32	6.40	7.45	7.70
	10.61	11.35	13.02	13.66	15.75	16.15	17.28	19.30	1.08	2.30
	4.65	5.22	6.69	7.60	8.60	9.45	9.82	10.20	10.40	11.95
	13.63	13.90	16.25	16.47						
Eurotia lanata	25.19	25.32	26.72	27.10						

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83.C.2.2.8-70

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LINE-STRIP DATA SHEET

SHRUB, TREE SEEDLING STRATUM

Project 83

Sheet 1 of 2

Vegetation Type SAGEBRUSH Non-Permanent Transect # 9

T 25 R 99W S 11 1/4 1/4 S SE/NW Transect Length 100 M

Aspect (degrees) 303° Slope (percent) 6° 11% Elevation (feet) 6980

Field Analyst(s) Turnipseed/Pace Date 8/31/75

Site Description Invaded by Juniper & Pine QA Check

Species	Code #	Phenology Code	# in each 6 x 20 m quadrat 1	2	3	4	5	Condition
1 Artr	14	2	70	64	81	110	156	fewer galls
2 Pine	2	2	1	3	0	0	0	normal
3 Juni	1	2	2	3	2	1	0	normal
4 Chry	20	2	10	39	53	34	75	vig. vegm.
5 Opmo	37	2	1	1	0	1	0	vig.
6								
7								
8								
9								
10								

Intercepts (cm)

Species	I_1	I_2	I_1	I_2	I_1	I_2	I_1	I_2	I_1	I_2
Artr	4.90	5.22	9.88	10.51	11.27	11.70	12.42	12.74	2.80	3.30
	14.88	15.13	16.75	17.20	19.20	19.22	2.30	2.53	13.83	14.40
	14.45	15.44	15.88	16.02	0.63	0.79	4.10	4.81	6.80	7.61
	8.85	9.10	11.29	11.46	12.82	13.35	13.46	13.53	16.52	17.41
	18.40	18.51	19.15	20.08	2.07	2.25	5.45	6.14	6.82	7.19
	8.60	9.20	9.81	9.92	11.08	11.51	12.00	12.84	13.10	13.42
	14.11	14.60	16.15	16.57	18.49	18.90	2.57	3.56	3.82	4.02
	4.70	4.89	5.69	6.34	6.91	8.01	8.20	8.44	8.64	8.88
	9.80	10.50	10.85	11.61	11.95	12.18	13.46	14.07	14.55	15.07
	15.05	16.55	17.15	17.37	18.00	18.14	18.90	19.39	19.70	19.92

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LINE-STRIP DATA SHEET 83.C.2.2.8-72

SHRUB, TREE SEEDLING STRATUM

Project 83

Sheet 1 of 2

Vegetation Type SAGEBRUSH Non-Permanent Transect # 10

T 13 R 99W S 27 1/4 1/4 S NW/SE Transect Length 100m

Aspect (degrees) 328° Slope (percent) 3% Elevation (feet) 7200

Field Analyst(s) Turner/Price Date 7/31/75

Site Description P-J INVADING SAGE QA Check D Hunt

Species	Code #	Phenology Code	# in each 6 x 20 m quadrat 1	2	3	4	5	Condition
1 A. tr	14	2	139	83	89	99	89	DISEASED - TIPS [illegible]
2 Chvi	20	2	21	23	20	15	17	NORMAL
3 Oppo	37	2	1	0	0	3	2	"
4 Pied	2	2	0	1	0	1	1	"
5 Syor	33	2	0	0	1	0	0	"
6								
7								
8								
9								
10								

Intercepts (cm)

Species	I_1	I_2	I_1	I_2	I_1	I_2	I_1	I_2	I_1	I_2
Artr	0.71	1.33	2.00	2.76	3.43	3.90	5.50	6.51	6.70	7.10
	7.90	8.12	8.66	8.82	10.20	10.50	13.7	14.12	15.32	15.95
	16.81	17.00	17.65	17.80	18.75	19.25	1.45	2.13	2.92	3.56
	3.60	4.57	5.39	5.78	6.51	7.10	8.18	9.12	10.30	11.39
	17.78	18.00	18.62	19.5	1.32	1.63	1.73	2.60	3.59	3.92
	4.51	4.78	5.32	6.23	11.55	12.00	12.50	12.77	13.51	14.10
	17.10	17.29	19.60	19.89	0.66	1.14	1.22	1.85	2.61	2.81
	3.22	3.54	5.03	5.90	7.13	7.21	7.95	8.40	8.71	8.73
	10.6	10.89	11.80	11.95	12.81	13.37	14.52	15.65	15.93	16.00
	18.42	18.70	1.27	1.83	2.33	2.41	3.62	3.80	5.60	6.23
	9.82	9.95	10.74	10.79	12.30	12.35	13.53	18.81		

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LINE-STRIP METHOD 83.C.2.2.8-74
SHRUB, TREE SEEDLING STRATUM

Project 83

Sheet 1 of 2

Vegetation Type Sage — Permanent Transect # 11

T 23 R 99W S 14 1/4 1/4 S SWNW Transect Length 100 m

Aspect (degrees) 110° Slope (percent) 3° 5% Elevation (feet) 6800

Field Analyst(s) Varies Kobler Kent — Date 6/2/75

Site Description ~~mature~~ mature stand — QA Check

Species	Code #	Phenology Code	# in each 6 x 20 m quadrat 1	2	3	4	5	Condition
1 Art. T. tridentata	14	2	116	84	114	146	177	seedlings
2 Sarco. vermiculatus	29	2	2	9	15	21	31	seedlings
3								
4								
5								
6								
7								
8								
9								
10								

Intercepts (~~cm~~ meter)

Species	I_1	I_2	Dia	I_1	I_2	Dia	I_1	I_2	Dia	I_1	I_2	Dia
Art. T. tridentata	0.30	0.80	.15	1.50	1.83	.50	2.80	2.33	.40	3.30	3.51	.32
	3.72	4.20	.60	4.30	4.44	.67	4.81	3.34	.29	5.52	5.60	.6
	5.74	6.10	.32	5.34	5.50	.23	7.20	7.67	.90	8.04	8.18	.47
				8.64	9.67	.90	10.10	11.11	.60	11.72	13.30	.280
	15.10	15.96	.20	16.50	16.70	.47	17.10	17.7	0.55	17.80	18.22	.38
	3.00	3.32	.35	3.45	3.51	.41	4.63	4.79	.27	4.95	5.15	.32
	6.48	6.54	.51	7.55	7.9	.95	8.33	8.60	.90	10.18	10.27	.19
	11.50	12.51	.50	13.65	13.90	.36	14.00	14.53	.42	14.72	14.98	.54
	16.80	17.35	.47	17.93	18.40	.41	18.63	19.73	.80	19.80	20.20	0.37
				3.12	3.50	.25	3.90	4.93	.76	5.01	5.16	.70
	5.60	6.27	.37	6.90	6.93	.7	7.01	8.53	.62	7.40	7.47	.43
	8.96	9.67	.53	10.19	10.78	.27	10.94	11.30	.78	12.40	12.70	.45
	12.89	13.60	.57	15.08	15.65	.40	15.85	16.70	.65	16.95	17.00	.25
	17.22	17.93	.60	18.52	19.15	.60	19.80	20.80	.75	237	3.11	.76
Sarco. vermiculatus	17.90	19.10	.21	1.63	1.84	.24	15.41	16.04	1.20	1.50	2.80	.32
	7.84	8.50	.47	10.30	10.70	.37	5.95	6.58	.47	16.40	16.65	.17

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LINE-STRIP DATA SHEET 83.C.2.2.8-75
SHRUB, TREE SEEDLING STRATUM

Project 83

T2S R99W S14 SWNW

Sheet 2 of 2

Vegetation Type Sagebrush Permanent Transect # 11 Date 6/21 '83

Species	I_1	I_2	Dia	I_1	I_2	Dia	I_1	I_2	Dia	I_1	I_2	Dia
Art. tridentata (cont.)	4.10	4.99	.65	5.76	6.40	.71	6.67	6.98	.21	7.10	7.75	.60
	10.70	10.88	.37	10.91	11.40	.59	11.63	11.67	.08	12.26	12.27	.28
	12.81	13.18	.41	13.48	13.56	.53	13.80	14.67	.71	15.65	15.92	.78
	16.23	16.42	.78	16.70	17.90	.94	18.13	18.31	.42	18.47	19.05	.30
	19.50	19.77	.30	0.65	1.50	.82	2.45	2.62	.48	3.10	3.20	.27
	3.85	4.26	.65	4.71	5.01	.77	5.84	6.23	.38	7.00	7.33	.34
	7.60	7.92	.38	8.60	9.27	.58	9.36	9.63	.22	10.75	11.70	.95
	12.45	12.70	.25	12.85	13.05	.25	13.30	13.60	.60	14.90	16.00	1.40
	17.30	17.70	.50	18.25	18.90	.70	19.20	19.50	.35	19.70	20.00	.80
Sarco vermiculatus												
	4.30	4.52	.63									

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83.L.2.2.8-79

LINE-STRIP DATA SHEET

SHRUB, TREE SEEDLING STRATUM

Project 33

Sheet 1 of 2

Vegetation Type Sagebrush — Non-Permanent Transect # 13

T 15 R 99W S 16 1/4 1/4 S NESE — Transect Length 100 m

Aspect (degrees) - 10° — Slope (percent) 12% — Elevation (feet) 6700

Field Analyst(s) VORIES / SIMS — Date 6 Aug 75

Site Description dense, bottomland on alluvial fan — QA Check [illegible]

Species	Code #	Phenology Code	# in each 6 x 20 m quadrat 1	2	3	4	5	Condition
1 Artemisia tridentata	14	2	138	144	211	74	83	
2 Purshia tridentata	20	2	59	43	47	13	10	
3 Opuntia polyacantha	37				2			
4 Symphoricarpos oreophilus	33						1	
5								
6								
7								
8								
9								
10								

Intercepts ~~(cm)~~ m

Species	I_1	I_2	I_1	I_2	I_1	I_2	I_1	I_2	I_1	I_2
Artr	1.55	2.10	2.16	2.29	3.02	3.33	4.19	4.43	5.69	5.90
	7.19	7.60	7.90	8.58	8.91	9.25	9.89	9.95	10.21	10.60
	12.65	12.79	13.29	14.02	14.80	15.50	16.56	16.63	18.24	18.35
	18.89	19.01	.86	.98	1.62	1.81	2.09	2.49	3.42	4.01
	4.39	4.77	4.89	5.01	5.0	5.69	6.33	6.45	8.2	8.30
	9.49	9.81	9.93	10.08	10.45	10.55	10.61	12.83	13.20	13.59
	14.79	15.34	15.92	16.22	16.62	16.71	17.60	17.75	18.10	18.22
	19.91	20.00	0.0	.35	.51	.71	.70	.82	1.00	1.15
	2.01	2.23	2.26	3.67	3.41	3.50	4.15	4.29	4.62	4.86
	5.09	5.39	5.99	6.32	6.82	7.01	7.30	7.35	7.63	7.69
Shwi	1.54	1.57	5.91	5.99	10.95	11.02	3.26	3.37	17.33	17.63
Symp. occidentalis	14.15	14.73								

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LINE STRIP DATA SHEET 83.2.2.9.8-80
SHRUB, TREE SEEDLING STRATUM

Project 83
Sheet 2 of 2

Vegetation Type Saltbush
Non-Permanent Transect # 13
Date 6 Jun 75

Species	Intercepts (cm)									
	I_1	I_2	I_1	I_2	I_1	I_2	I_1	I_2	I_1	I_2
Artr	9.01	9.45	9.60	9.96	11.32	11.87	12.33	12.52	13.12	13.30
	13.52	14.17	14.09	14.35	14.64	15.10	15.55	15.62	15.71	15.81
	17.50	13.52	19.70	19.96	1.21	1.42	1.95	2.02	3.55	4.22
	4.96	5.08	5.39	5.56	6.43	6.79	6.32	6.87	7.11	7.29
	8.80	9.01	10.70	10.59	11.19	11.26	13.10	13.35	14.34	15.19
	17.92	19.09	19.21	19.86	.63	.86	2.15	2.49	3.75	4.39
	5.19	5.22	5.64	6.33	8.21	8.45	10.61	10.68	11.10	11.55
	11.61	11.89	11.75	12.51	12.90	13.55	14.82	15.12	17.31	17.80
	18.35	19.80								

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LINE-STRIP DATA SHEET

SHRUB, TREE SEEDLING STRATUM

Project 73

Sheet 1 of 2

Vegetation Type [illegible] Non-Permanent Transect # 15

T 2S R 99W S 24 1/4 1/4 S None Transect Length 100 m

Aspect (degrees) [illegible] Slope (degrees) 10° Elevation (feet) 6980

Field Analyst(s) [illegible] Date 15 Jun 87

Site Description native stand [illegible] QA Check RDM 7/23

slope

Species	Code #	Phenology Code	# in each 6 x 20 m quadrat 1	2	3	4	5	Condition
1 Arte[illegible]	14	3 ?	64	75	86	84	76	
2 Chrysothamnus viscidiflorus	20	3	9	27	5	1	21	HEAVILY BROWSED
3 Juniperus osteosperma	1	2	1	1	0	0	0	
4 Symphoricarpos	33	2	1	0	2	0	0	
5 Pinus edulis	2	2	0	1	0	0	0	
6 Amelanchier nut	32	5	0	1	0	0	0	
7								
8								
9								
10								

Intercepts (m)

Species	I_1	I_2	I_1	I_2	I_1	I_2	I_1	I_2	I_1	I_2
Artr	0.00	0.32	1.09	1.24	1.70	1.72	2.36	2.46	2.79	2.93
	3.29	3.52	3.87	4.18	4.92	5.46	5.56	6.20	6.87	7.23
	7.72	7.92	10.82	11.11	11.30	11.36	14.30	14.57	18.05	18.28
	18.71	19.80	0.00	0.10	0.35	0.63	0.93	1.17	1.87	2.01
	4.39	4.82	6.00	6.34	6.54	6.86	7.87	8.07	8.38	8.45
	8.48	8.62	8.99	9.14	9.85	9.92	10.20	10.31	10.47	10.52
	11.73	12.31	14.69	14.95	15.29	15.52	16.52	16.91	17.31	18.41
	18.56	19.36	19.51	19.75	0.00	0.09	0.20	0.28	0.32	0.36
	0.46	0.67	0.99	1.09	1.18	1.56	1.84	2.37	2.89	2.94
	3.56	3.72	3.82	4.22	4.40	4.79	4.99	5.56	5.95	5.97
	6.60	6.92	7.15	7.16	7.76	8.30	9.26	9.32	10.59	10.96
Artr 2										
Chvi	12.49	12.73	13.74	13.51	15.59	15.72	9.79	9.84		

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LINE-STRIP DATA SHEET

SHRUB, TREE SEEDLING STRATUM

Project 83

Sheet 1 of 2

Vegetation Type Sagebrush Non-Permanent Transect # 16

T 25 R 99 S 10 1/4 1/4 S SE NW Transect Length 100m

Aspect (degrees) 270° Slope (degrees) 2° Elevation (feet) 7050'

Field Analyst(s) Ellis, Harding Date 15 July 75

Site Description old burn, heavy, mature stand QA Check RFM 7/23

Species	Code #	Phenology Code	# in each 6 x 20 m quadrat 1	2	3	4	5	Condition
1 Art tr	14	3 2.	73	9	64	55	69	normal
2 Ch vi	20	3	6	8	19	44	27	↓
3 Pi ad	2	2	1	2	0	0	0	↓
4 Ju os	1	2	0	0	1	0	0	↓
5 Pu tr	24	5	0	0	0	1	0	browsed
6								
7								
8								
9								
10								

Intercepts (m)

Species	I_1	I_2	I_1	I_2	I_1	I_2	I_1	I_2	I_1	I_2
Artr	0.00	0.02	0.07	0.09	0.25	0.44	0.64	1.19	3.78	4.02
	4.20	4.30	5.60	5.74	6.[illegible]	7.21	9.21	9.47	9.67	9.71
	11.72	11.80	12.09	12.15	12.34	17.62	13.00	13.15	14.22	14.42
	15.32	1[illegible]	17.30	18.60	19.25	20.00	0.00	0.02	0.15	0.46
	1.45	1.54	1.67	2.47	2.49	2.52	2.59	2.99	3.41	3.69
	6.87	7.75	7.86	8.09	10.85	10.93	11.11	11.33	11.72	12.02
	12.09	12.10	13.11	13.46	13.50	13.71	13.90	14.14	14.[illegible]	14.31
	15.54	15.74	16.0	16.17	17.82	18.71	0.55	0.74	0.89	1.04
	1.09	1.27	1.55	2.00	2.98	4.40	5.59	5.70	5.79	6.10
	7.20	7.41	8.35	8.50	10.60	11.19	16.55	16.83	17.81	18.05
	19.70	20.00	0.00	0.51	5.61	6.35	6.65	7.30	7.97	8.02
	8.20	8.24	8.37	8.41	8.[illegible]	8.92	8.96	9.68	10.42	10.83
	11.70	13.12	13.97	14.62	14.71	14.76	16.15	16.45	16.90	17.36
	18.20	18.32	19.37	19.47	19.58	19.72	19.95	20.00	0.00	0.27
cor (Pinus)										
Chvi	1.78	1.85	2.12	2.24	2.34	2.43	12.05	12.10	0.66	0.80
Pied	18.91	19.20								

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LINE-STRIP DATA SHEET

SHRUB, TREE SEEDLING STRATUM

Project

Sheet 1 of 3

Vegetation Type [illegible] Non-Permanent Transect # 13

T R 100W S 13 1/4 1/4 S Transect Length

Aspect (degrees) Slope (degrees) Elevation (feet) 7723

Field Analyst(s) Date 13 July 83

Site Description [illegible] QA Check RBM 7/23

Species	Code #	Phenology Code	# in each 6 x 20 m quadrat 1	2	3	4	5	Condition
1	14	3 ?	176	209	203	135	176	NORMAL
2 Privet	32	5	15	8	6	2	6	
3 China	19	3	27	22	23	67	52	
4 Sugar	33	4	156	131	85	86	83	
5 Rice	42	5	2	0	0	0	0	
6 Chui	20	3	85	165	255	373	310	
7								
8								
9								
10								

Intercepts (m)

Species	I_1	I_2	I_1	I_2	I_1	I_2	I_1	I_2	I_1	I_2
Sugar	2.12	2.52	2.65	1.10	2.79	2.93	2.97	3.09	3.25	3.73
	4.32	4.94	9.33	9.52	9.98	10.77	10.31	10.87	11.72	11.42
	11.82	11.87	12.09	12.52	12.87	13.00	13.08	13.49	13.71	14.19
	14.2	14.35	15.20	15.62	16.08	16.11	19.43	19.70	19.95	19.99
	0.22	0.52	0.90	0.92	1.42	1.67	1.83	2.16	2.72	3.37
Privet	0.70	1.03	3.81	2.82	5.42	5.90	5.56	5.76	7.37	7.42
	7.74	7.90	8.82	9.10	9.32	9.80	10.27	10.90	13.91	11.04
	11.21	11.72	14.07	14.21	14.72	14.90	14.94	15.19	16.76	17.19
	17.37	17.48	17.65	17.90	18.00	18.07	18.18	18.34	18.42	18.51
	0.00	0.21	3.35	3.53	5.65	3.73	5.30	5.32	5.39	5.81
	7.00	7.32	7.89	8.30	11.29	11.62	11.93	12.10	12.37	12.56
4	7.12	7.31	7.97	8.55	18.32	18.42	9.00	10.30	17.29	17.55
Chui	16.00	16.03	16.13	16.15	17.98	18.00	18.11	18.27	18.45	18.63
China	11.03	11.21	11.67	11.93	12.37	12.38	15.63	15.91		

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LINE STRIP DATA SHEET
SHRUB, TREE SEEDLING STRATUM

Project [illegible]
Sheet 3 of [illegible]

Vegetation Type S[illegible] Non-Permanent Transect # 18 Date 1[illegible] 7 [illegible] 75
12pm 41-3

Species	Intercepts (m) I_1	I_2	I_1	I_2	I_1	I_2	I_1	I_2	I_1	I_2
Ceve	7.38	[illegible]	7.22	2.43	7.7[illegible]	[illegible]	7.14	8.14	8.[illegible]	8.94
"	9.15	[illegible]	10.69	11.85	[illegible]	9[illegible]	13.26	13.49	13.55	13.76
	15.62	15.73	15.89	15.96	[illegible]	[illegible]21	16.65	16.89	[illegible]05	18.1[illegible]
	18.43	18.57	19.72	15.8[illegible]	[illegible]	2.90	1.55	1.70	1.85	1.94
	3.[illegible]3	[illegible]	3.81	3.94	4.05	4.07	4.95	5.10	6.20	6.41
	6.72	8.04	10.28	10.62	[illegible]	[illegible]	12.15	[illegible]	14.20	14.79
	15.13	15.20	16.10	16.38	[illegible]	17.74	[illegible]	12.95		
Arte	16.79	17.11	17.84	18.60	15.10	[illegible]	18.35	18.42	[illegible]	15.62
	0.43	[illegible]	0.90	1.26	[illegible]	1.82	2.09	2.10	2.68	2.83
	4.39	[illegible]	5.42	5.59	5.69	5.73	5.92	6.30	6.41	6.72
	8.69	9.3[illegible]	9.55	9.69	10.[illegible]	[illegible]	11.23	11.30	[illegible]	11.91
	12.09	12.21	[illegible]	12.52	[illegible]	13.70	13.98	14.76	14.89	15.13
	15.20	[illegible]	16.38	16.91	[illegible]	[illegible]	17.90	18.36		
Chna	14.84	14.95	1.39	1.59	1.25	2.35	8.22	8.[illegible]	13.56	13.97
	[illegible]	[illegible]	[illegible]	17.26						
Syor	11.93	[illegible]05	12.60	12.84	[illegible]	[illegible]				

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LINE-STRIP DATA SHEET

SHRUB, TREE SEEDLING STRATUM

Project 83

Sheet 1 of 3

Vegetation Type Sagebrush (bottomland ? or upland ? RDM) Non-Permanent Transect # 19

T 15 R 100W S 24 1/4 1/4 S ~~27~~ NENW Transect Length 100m

Aspect (degrees) 130 Slope (degrees) 2° Elevation (feet) 7610

Field Analyst(s) Vorse and Hinds Date 11 June

Site Description Bottomland sage RDM QA Check KMM 7/23

Species	Code #	Phenology Code	# in each 6 x 20 m quadrat 1	2	3	4	5	Condition
1 Chry	19	3 2, RDM	53	53	33	26	27	Non-P, RDM
2 Artr	14	3	139	95	114	194	88	
3 Sym	33	4	84	95	74	26	1	
4 Chvi	20	3	108	111	117	306	165	
5 Ambr	32	5	0	0	2	0	0	N
6								
7								
8								
9								
10								

Intercepts (m)

Species	I_1	I_2	I_1	I_2	I_1	I_2	I_1	I_2	I_1	I_2
Chry	0.18	0.28	1.47	1.85	4.19	4.27	5.09	5.21	5.28	5.31
	6.61	7.04	8.60	9.10	13.25	13.30	15.55	15.61	18.86	18.92
	1.27	2.04	2.47	2.64	2.85	2.86	5.62	5.69	7.15	7.22
	7.85	7.91	8.19	8.20	11.00	11.06	11.27	11.31	11.40	11.52
Artr	0.74	0.81	1.40	1.41	1.85	1.92	2.81	2.93	3.35	3.71
	5.32	5.59	6.33	6.86	7.18	7.26	8.22	8.31	8.55	8.60
	9.70	9.75	10.21	10.29	10.31	10.32	11.49	11.64	10.90	11.03
	11.25	11.31	12.35	12.41	12.50	12.70	12.75	12.89	13.40	14.72
Chvi	2.41	2.71	4.21	15.55	4.50	5.56	7.92	8.09	0.70	0.88
	4.25	4.33	8.40	8.43	13.14	13.23	15.79	15.85	17.05	17.09
	17.24	17.62	18.72	18.85	0.68	0.91	1.35	1.39	1.55	1.60
Sym	3.39	4.52	4.70	4.95	5.05	5.13	10.81	10.90	12.15	12.32
	13.80	13.91	14.29	14.30	14.55	15.05	15.11	15.19	15.63	15.69
	15.78	15.80	15.99	17.42	17.70	17.92	18.30	18.71	1.45	1.70
	1.95	3.98	4.10	6.39	6.49	6.80	7.08	7.11	8.32	9.12

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LINE STRIP DATA SHEET
SHRUB, TREE SEEDLING STRATUM

15 100W 24 NENW

Project [illegible]
Sheet 2 of [illegible]

Vegetation Type Sagebrush

Non-Permanent
Transect # [illegible]

Date [illegible]
KDM 7/23

Species	Intercepts (m) I_1	I_2	I_1	I_2	I_1	I_2	I_1	I_2	I_1	I_2
[illegible]	15.24	[illegible]	[illegible]	16.12	[illegible]	[illegible]	8.18	8.37	8.35	8.44
	10.60	10.74	12.71	12.86	3.47	3.85	15.42	15.21	17.42	17.51
	17.24	17.41	[illegible]	[illegible]	0.42	5.59	0.90	0.92	0.98	1.01
	1.79	2.04	2.09	2.12	[illegible]	[illegible]	13.32	13.79	13.53	14.53
	15.46	15.53	1.12	1.26	3.05	3.46	3.87	3.88	3.97	4.26
	4.26	4.52	5.19	6.55	6.98	7.18	9.39	10.08	10.49	11.45
	12.19	13.85	15.70	16.31	17.30	17.32	17.81	18.03	18.53	18.90
Sugar	9.39	9.97	10.40	10.52	11.20	11.47	11.52	11.64	11.78	12.41
	12.51	12.54	13.08	13.25	13.90	14.12	16.03	17.30	17.55	17.59
	19.18	20.00	0.08	0.12	3.75	3.52	5.09	6.08	6.57	6.88
	9.33	10.80	11.48	11.51	15.91	16.31	17.68	17.96	5.60	6.93
	9.42	9.60	11.80	11.99						
Chna	12.05	12.10	15.32	15.38	15.89	16.08	17.69	18.29	18.62	18.83
	19.05	[illegible]	1.46	1.51	2.55	2.84	3.52	3.54	6.09	6.94
	8.54	8.72	9.13	9.21	10.80	11.47	14.53	14.75	15.50	15.75
	16.32	16.94	5.44	5.56	5.90	6.00	7.30	7.55	8.15	8.31
	13.85	14.30	2.85	2.88	5.65	5.96	13.75	14.42	15.50	15.87
	17.37	18.07								
Chvi	1.87	1.89	1.95	2.07	2.31	2.71	3.46	3.60	4.52	4.57
	4.70	4.89	7.95	8.00	11.50	11.54	14.50	15.12	15.15	15.45
	16.31	16.46	16.74	17.11	17.55	17.81	18.15	18.53	19.40	19.46
	19.60	20.00	0.00	0.31	0.84	0.90	1.81	2.20	2.60	2.85
	3.30	3.57	4.48	4.60	4.20	4.55	4.93	5.02	5.40	5.53
	6.19	6.20	6.55	6.73	6.90	7.08	7.25	7.54	10.68	10.93

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QUADRAT DATA SHEET
HERBACEOUS STRATUM

Project 83

Sheet 1 of 1

Vegetation Type SAGEBRUSH Transect # N(23) Type PERMANENT

T 15 R 99W S 34 1/4 1/4 S SESE Quadrat Size

Aspect (degrees) 356 Slope (degrees) Elevation (feet) 6650

Field Analyst(s) YORK, JOSH Date 20 JULY 92

Site Description QA Check

Species	Code #	Phenology Code	Quadrat Number 1 #	1 %	2 #	2 %	3 #	3 %	4 #	4 %	5 #	5 %	6 #	6 %	7 #	7 %	8 #	8 %	9 #	9 %	10 #	10 %
Total Percent Cover																						
Percent of Total · Each Species																						
Phlox hoodii	273	-			2	T																
Stipa hymenoides	112	5					1						T		1		1					
Artemisia tridentata	054	2					T															
Erigeron bonbyi	267	3					T															
Elymus elymoides	175	5					1	T														
Crypthantha scricea	194	2					1	T	1	T												
Lupinus pusillus	199	4							1	T	1	T	1	T								
Descurainia pinnata	255	5							1	T			2	T								
Senecio multilobatus	251	2							1	T												
Bromus tectorum	067	4								1												
Collomia linearis	198	3							13	2	4	1	2	T	2	T			3	1		
Koeleria cristata	090	2								T												
Crepis acuminata	100	2										1				1				1		1
Elymus trachycaulum	~~054~~ 100	4										T		T		T				T		
Phlox hoodii	1284	2									1	T	1	T								
Hesperostipa comata	270	7															31		1	T	1	T
Agoseris glauca	052	2																	2	T		

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QUADRAT DATA SHEET
HERBACEOUS STRATUM

Project AD

Sheet 1 of 1

Vegetation Type Sagebrush Transect # 6 (25) Type permanent

T 15 R 98W S 30 1/4 1/4 S NE SW Quadrat Size 1

Aspect (degrees) 150 Slope (degrees) Elevation (feet) 6420

Field Analyst(s) Yapis, Rexia Date 20 July 83

Site Description QA Check

Species	Code #	Phenology Code	Quadrat Number 1		2		3		4		5		6		7		8		9		10	
Total Percent Cover			#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
Percent of Total · Each Species																						
Stanleya bipinnata	112	7		8		T		12		1		1										
Agropyron smithii	552	5		2		1				2						25		20				
Sphaeralcea coccinea	256	3	2	T	3	T																
Chenopod. leaved		3	1	1																	10	1
Descurainia pinnata	252	2	7	1			5	T														
Lappula redow.	197	7	1	T																		
Elymus cinerus	208	2								6		3		30						5		5
Taraxac. offic.		2							2	T	2	T					2	T				

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QUADRAT DATA SHEET
HERBACEOUS STRATUM

Project 83

Sheet 1 of 1

Vegetation Type Sagebrush Transect # 11(26) Type Permanent

T 25 R 99W S 14 1/4 1/4 S SWNW Quadrat Size .5 m²

Aspect (degrees) 210 Slope (degrees) _____ Elevation (feet) 6800

Field Analyst(s) Voinis, Bill, Baker Date 14 July 1987

Site Description _____ QA Check _____

Species	Code #	Phenology Code	Quadrat Number 1	2	3	4	5	6	7	8	9	10
Total Percent Cover			#/%	#/%	#/%	#/%	#/%	#/%	#/%	#/%	#/%	#/%
Percent of Total · Each Species												
Lepidium perfoliatum (SW)	339 (SW)	2	1 T		3 3	46 12	6 T	1 T	2 2	2 T	1 T	3 T
Chenopodium leptophyllum	5	3		4 T	3 -	2 1		2 T	1 T		1 T	2 T
Sisymbrium altissimum	3	6							T		T	T
Kochia scoparia	265	2							1 1			
Chenopodium fremontii (SW)	198	2									1 T	

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LINE-STRIP DATA SHEET 83.C.2.2.9-12

SHRUB, TREE SEEDLING STRATUM

Project 37

Sheet 1 of 1

Vegetation Type SHRUBLAND Non-Permanent Transect # 2

T 1S R 93W S 8 1/4 1/4 S NE/NW Transect Length 150m

Aspect (degrees) 178° Slope (percent) 53% Elevation (feet) 6400

Field Analyst(s) Turnipseed Date 7/1/85

Site Description typical lowland shrub, low density QA Check

Species	Code #	Phenology Code	# in each 6 x 20 m quadrat 1	2	3	4	5	Condition
1 Arte	14	2	28	51	25	12	27	
2 ~~Gri~~	~~—~~	~~2~~	~~2~~	~~1~~	~~—~~	~~12~~	~~27~~	
3 Chna	19	2	19	6	1	2	2	
4 Gusi	20	2	3	4				
5 Teca	31	2	6					
6 Atco	16	2	5	50	24	11	21	
7 Anca (seedl.)	12	2		3				
8								
9								
10								

Intercepts (cm)

Species	I_1	I_2	I_1	I_2	I_1	I_2	I_1	I_2	I_1	I_2
Arte ~~Gri~~	5.74	5.90	13.27	13.52	14.09	15.00	15.47	15.95	15.85	16.18
	16.35	16.72	11.85	17.10	17.85	18.68	1.42	2.10	3.23	3.51
	3.67	3.78	5.55	5.99	7.23	7.87	9.89	10.31	10.65	11.10
	12.03	12.55	13.10	14.25	14.10	15.25	15.91	16.00	16.47	16.15
	17.59	17.85	12.25	12.17	14.90	20.73	0.30	1.32	1.95	2.30
	3.55	4.13	5.53	6.11	5.12	5.35	11.11	11.30	19.95	20.13
	0.36	0.75	1.03	1.16	5.20	5.30	11.42	11.55	15.35	15.85
Chn	13.55	13.90	8.97	9.30						
Atco	4.02	4.40	4.0	4.19	9.30	9.96	12.15	12.25	3.72	4.45
	8.10	8.32								
Anca	19.82	20.00								

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LINE-STRIP METHOD 23.C.2.2.9-13
SHRUB, TREE SEEDLING STRATUM Project 22

Sheet 1 of 1

Vegetation Type Shadscale Permanent Transect # 3

T 15 R 99W S 25 1/4 1/4 S SWSW Transect Length 100 m

Aspect (degrees) 145° Slope (percent) 37% Elevation (feet) 6650

Field Analyst(s) Varies Koehler, Kastel Date 6/13/75

Site Description Alluvial fan at base of sandstone outcrops

dry south facing slope w/ mixed ATRIPLEX & ARTR. tridentata

Species	Code #	Phenology Code	# in each 6 x 20 m quadrat 1	2	3	4	5	Condition
1 Artr tridentata	14	2	14	4/2	55	1:	11	normal
2 Atriplex confertifolia	16	2	44	14		45	33	
3 Sarco vermiculatus	29	2	2	2	3	4	2	
4 Pseudotsuga	2	2	1			1	1	
5 Artr nanescens	15	2	—	8	27	23	28	
6 Opuntia	20	2					3	✓
7 Ephedra	19	2					1	
8								
9								
10								

Intercepts ~~(cm)~~ meters

Species	I_1	I_2	Dia	I_1	I_2	Dia	I_1	I_2	Dia	I_1	I_2	Dia
Sarcobatus	0.30	0.40	1.10									
Atriplex confertifolia	7.10	7.21	.08	11.91	12.12	15	19.19	19.73	.32	4.20	4.27	7
	15.79	16.32	.12	11.55	11.72	.36	17.13	17.42	.25	18.20	18.24	.56
	18.50	19.02	.32	0.30	0.52	.31	7.10	7.19	5	16.90	16.95	5
Artr tridentata	0.98	1.00	.60	2.29	2.78	.54	12.55	14.12	1.00	19.64	17.53	50
	1.39	2.86	1.40	5.53	6.04	.40	6.92	7.76	.72	19.32	2.76	.45
	1.01	1.56	.74	6.66	7.74	.52	16.10	16.14	.48	1.91	2.37	.50
	9.56	10.55	.75	16.80	17.16	.21	17.13	17.60	.70	17.65	18.40	.62
	18.77	20.43	.67									
Atr. nanescens	10.10	10.47	17	6.30	6.46	21	12.14	12.52	.37	16.79	17.13	.22

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83.2.2.1-13

LINE-STRIP DATA SHEET

SHRUB, TREE SEEDLING STRATUM

Project 83

Sheet 1 of 1

Vegetation Type Shrubscale Non-Permanent Transect # 4

T 5 R 99W S 11 1/4 1/4 S NW SW Transect Length 150m

Aspect (degrees) 75° Slope (degrees) 15° Elevation (feet) 6630 MV

Field Analyst(s) Ellis, Baker Date 11-1

Site Description Shale outcrop Small area QA Check RDH 7/23

Species	Code #	Phenology Code (from)	# in each 6 x 20 m quadrat 1	2	3	4	5	Condition
1 Chry nauseosus	19	3 ? ?	6	6	0	0	1	? informal
2 Chry viscidiflorus	20	3	3	0	12	15	23	
3 Tetradymia canescens	31	2	40	39	4	0	12	
4 Atriplex confertifolia	16	2	11	3	24	9	3	
5 Symp. oreophilus	33	2	2	0	0	0	0	
6 Eurotia lanata	22	3			6	8	1	
7 Artridentata	14	2			10	22	3	
8 Atriplex Canescens	15	2			3	10	0	browsed
9 Sarcobatus vermiculatus	29	2				5	0	normal
10								

Species (letter code from)	Intercepts (m) I_1	I_2	I_1	I_2	I_1	I_2	I_1	I_2	I_1	I_2
Atriplex confertifolia	12.90	13.35	1.72	2.20	11.10	11.60	11.20	12.20	15.24	13.98
	2.63	2.87	17.50	11.35						
Sarcobatus	18.42	19.45	19.60	20.00						
Chrysothamnus nauseosus	.21	.45	15.92	5.29						
Eurotia lanata	5.19	5.32	5.53	5.63						
Tetradymia	8.20	8.23	10.93	10.95	11.03	11.09				
Artridentata	16.12	17.03	19.32	20.0	9.19	9.73				

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QUADRAT DATA SHEET
HERBACEOUS STRATUM

Project 83

Sheet 1 of 1

Vegetation Type Shrub Transect # 3 (6) Type [illegible]

T 15 R 9W S 25 1/4 1/4 S SWSW Quadrat Size .5 m²

Aspect (degrees) 145 Slope (degrees) _____ Elevation (feet) 5500

Field Analyst(s) [illegible] Date 20 July 95

Site Description _____ QA Check _____

Species	Code #	Phenology Code	Quadrat Number 1 #	1 %	2 #	2 %	3 #	3 %	4 #	4 %	5 #	5 %	6 #	6 %	7 #	7 %	8 #	8 %	9 #	9 %	10 #	10 %
Total Percent Cover																						
Percent of Total · Each Species																						
Chrysothamnus viscidiflorus	198	3	7	1			2	1	8	2	4	T							2	T		
Cryptantha humilis	100	2		T										T						3		
Stanleya hyssopifolia	112	7		T																		
Cryptantha virgata	194	2																	1	T		

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LINE-STRIP METHOD
SHRUB, TREE SEEDLING STRATUM

Project 93

Sheet 1 of 1

Vegetation Type [illegible] - MEADOW Permanent Transect # 1

T 35 R 99W S 5 1/4 1/4 S NE NW Transect Length 100m

Aspect (degrees) 290 Slope (percent) 15 Elevation (feet) 7450

Field Analyst(s) STATES/ELLIS Date 1 June 75

Site Description _____ QA Check [illegible]

Species	Code #	Phenology Code	# in each 6 x 20 m quadrat 1	2	3	4	5	Condition
1 Pseudotsuga UT	002	2	-	-	-	1	-	
2 Amelanchier UT	032	2	-	-	-	1	-	browsed
3 Symphoricarpos oreophilus	033	2	-	-	-	5	-	common
4 Pinus ponderosa	14	2	-	-	-	-	2	
5 [illegible]	24	2	-	-	-	-	1	
6								
7								
8								
9								
10								

Species	Intercepts (cm) I_1	I_2	Dia	I_1	I_2	Dia	I_1	I_2	Dia	I_1	I_2	Dia
Pseudotsuga	[illegible]	[illegible]	2									
Symphoricarpos UT	2.6	5.71	2.75									
[illegible]	15.70	15.93	.1	19.21	19.61	.30						
[illegible]	16.96	17.24	.45									
2'												

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QUADRAT DATA SHEET
HERBACEOUS STRATUM

83.C.2.2.10-7

Project 83

Sheet 1 of 1

MEADOW

Vegetation Type Herbaceous Bald Transect # I Type Point

T 2S R W S 8 1/4 1/4 S NW Quadrat Size .5m²

Aspect (degrees) 290° Slope (percent) 15% Elevation (feet) 7450

Field Analyst(s) [illegible] Date 1 Jun 75

Site Description QA Check [illegible]

Quadrat Number (%)

Species	Code #	Phenology Code	1	2	3	4	5	6	7	8	9	10
Total Percent Cover												
Percent of Total · Each Species			N/A									
Polemonium viscosa	157	4	4.0	—		1.0	3			—		
Geranium caespitosum acaulis	153	3	3.5	10.0	13.0			4		2	1-F	3
Potentilla rhizomosa	154	2	T	T			T					
Haplopappus nuttallii	155	2	1.0	2.0	~~X~~	1.0	1	T		1		1
Phlox longifolia	156	2	T	T					T	T	T	
Koeleria cristata	090	2	2.0	1.0	1.0	T	3	1.5	T	T	1	1
Poa secunda	108	2	4.0	T	X	1.0		1.0	.5		T	1
Carex ~~elynoides~~ KV. 060	288	3	1.0	T	T		.5			.5		
Gutierrezia sarothrae	127	2	T	—				.5		1		
Calochortus sp	158	2	T	—				T		T	T	
Astragalus sp	062	3	T	T	1.0			1.0		1	—	.5
Zygadenus ~~sp~~ venenosus K.V.	159	3	T	—								
Lomatium orientale	165	2	T	—		T					T	
Antennaria ~~sp~~ 1 sp.	58	2	T	—								
Agoseris [illegible]	166	2	1.0	T	T	1.0	1	4		T	2	2
unknown #1	169	3	.5	—	T	1.0		T			T	T
Delphinium nelsonii	167	2	T	—								
Stipa [illegible]	114	2	.5	—				T				
Cymopterus sp	168	2		T				T				
Unknown #2	170	2			T			T				
unknown #3 (bud)	171	2				1.5						
Erigeron [illegible]	172	2				T	T	T				
Penstemon [illegible]	102	2				T					T	T
Trifolium gymnocarpon	173	3-4				.5				.5	T	
Hedysarum boreale	174	3					2					
Phlox [illegible]	175	2					T					
Unknown # 4	176	2						1.0				
Erigeron sp	77	2								T		
[illegible]	94	2								1.0		

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QUADRAT DATA SHEET
HERBACEOUS STRATUM Ontract

Project 93

Sheet 1 of 1

Vegetation Type [illegible] Transect # 2 Type Non-Forest

T 25 R 100W S 2 1/4 1/4 S NE NW Quadrat Size .5 m²

Aspect (degrees) 185 Slope (percent) 10 to 16% Elevation (feet) 7980'

Field Analyst(s) [illegible] Date 3 June 75

Site Description Sparse understory dominated by mixed brush species QA Check [illegible]

Species	Code #	Phenology Code	Quadrat Number 1	2	3	4	5	6	7	8	9	10
Total Percent Cover												
Percent of Total · Each Species			N/A									
Hedysarum occidentale	174	2	4	-	2	1	-	-	-	T	T	-
Koeleria cristata	90	2	1	1	-	T	-	+	-	-	-	-
Phlox longifolia	156	2,3	T	T	+	T	T	1	1*	-	.5	.5
Thermopsis rhombifolia	175	2	T	T	1	T	-	-	-	T	-	T
Penstemon sp.	102	2	1	4	.5	1	-	-	2	-	1	1
Astragalus sp.	166	2	3	+	1	3	2	3	T	T	T	1
Crepis acuminata KV #1 B2.2	~~343~~	2	T	-	-	-	-	-	-	-	-	-
Hymenoxys acaulis KV #2 B2.3	~~316~~	2	T	T	1	1	.5	-	-	2	-	T
Chrysothamnus viscidiflorus KV #3 B2.4	~~020~~	2	T	1	-	-	-	-	-	-	-	-
Gutierrezia sarothrae	127	2	1	1	-	-	-	-	-	-	-	1
Artemisia chamaelexe KV #5 B2.5	~~208~~	2	T	1	T	T	1	.5	T	-	T	1
Poa sp	125	2	T	T	-	T	T	1	1	-	1	1
Solidago sp.	130	2	T	-	-	-	-	-	-	-	-	-
Haplopappus nuttallii	155	2	-	1	1	T	-	.5	1	1	1	1
Eriogonum [illegible]	172	2	-	-	-	T	-	-	-	T	-	-
Cymopterus orientalis KV #6 B2.6	~~313~~ ~~080~~	3	-	-	-	-	T	-	T	-	1	T
Trifolium [illegible]	173	2	-	-	-	-	T	-	-	4	1	1
Solidago [illegible]	181	2	-	-	-	-	-	T	-	-	-	-
Gaillardia aristata KV #4 B2.5	~~130~~ ~~182~~	2	-	-	-	-	-	1	-	-	-	-
Zygadenus venenosus	159	2	-	-	-	-	-	-	-	T	-	-
Chrysothamnus viscidiflorus KV #5 B2.6	~~020~~ ~~163~~	2	-	-	-	-	-	-	-	.5	-	-

* Yellow flowers & spotting

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QUADRAT DATA SHEET 83.C.3.2.10-11
HERBACEOUS STRATUM

Project 83

Sheet 1 of 1

Vegetation Type [illegible] (BMD) Transect # 3 Type Rem.

T 2S R 100 S 4 1/4 1/4 S SW NE Quadrat Size .5 m²

Aspect (degrees) 312 Slope (percent) 13 % Elevation (feet) 8530

Field Analyst(s) [illegible] Date 6-3-75

Site Description RIDGE top - SAGEBRUSH QA Check [illegible]

Species	Code #	Phenology Code	Quadrat Number 1	2	3	4	5	6	7	8	9	10
Total Percent Cover												
Percent of Total · Each Species			N/A									
Kochia prostrata	90	2	5	T	4	3	3	1	1	8		5
P. Caespitosus K.V.	~~102~~ 1032	2	.5	4	1	.5	T	4	2	1	1.5	
[illegible] sp.	166	2	6	2	3	T	1	3	1	4	3	1
[illegible] orientale sp. K.V.	~~150~~ 315	4	T	1	T	T	-	T	T	1	1	T
[illegible] spatulatus sp (1) K.V.	~~284~~ 292	2	3	2	1	4	1	T			3	1
[illegible] nuttallii	155	2	T	-	-	1	.5	T			.5	T
[illegible] B3.6A	185	2	1	T	2	T	-		1.0		1	3
[illegible]	186	2	.5	.5	-	T	-			T		
Poa sp. #1	187	2	T	T	-	5	-	1			4	
Chaenactis sp. (2) K.V.	~~188~~ 208	1/2	-	.05	T	-	.5	T			T	T
Stipa sp.	114	1/2	-	1	-	-	1	-				
Eriogonum heracleoides	172	1/2	-	1	T	-	T	-	1		T	T
Phlox longifolia	156	1/2	-	-	T	T	1	-	T	T	T	
Artemisia sp.	189	1/2	-	-	-	1	1	-	T	T		
~~Antennaria sp.~~	~~87~~	1/2	-	-	-	-	-					
Gilia sp.	85	1/2	-	-	-	-	1	-	T			
Gutierrezia sarothrae	127	1/2					4	-	1			
Linum lewisii	190	1/2					.5	-				
Erigeron sp.	77	1/2					T					
Taraxacum officinale	173	1/2					.5	1	1	1	1	
Clover sp.	68	1/2						1				
Poa sp. #2	191	1/2							1			

LINE-STRIP DATA SHEET

SHRUB, TREE SEEDLING STRATUM

Project 83

Sheet 1 of 1

Vegetation Type [illegible] Non-Permanent Transect # 4

T 25 R [illegible] S 34 1/4 1/4 S NE/NE Transect Length 100 m

Aspect (degrees) 260 Slope (percent) [illegible] Elevation (feet) 8420'

Field Analyst(s) [illegible] Date [illegible]

Site Description very low veg cover exposed shale QA Check [illegible]

Species	Code #	Phenology Code	# in each 6 x 20 m quadrat 1	2	3	4	5	Condition
1 Tetrad.	31	2	9	-	5	4	12	Norm
2 Art. tri	14	2	1	1	-	1	-	"
3 Chrys. dep.	36	2		2	3	23	2	"
4								
5								
6								
7								
8								
9								
10								

Intercepts (cm) 1

Species	I_1	I_2	I_1	I_2	I_1	I_2	I_1	I_2	I_1	I_2
Tetra can.	05'1	n.c.c								
Chrys. dep.	190	195								

QUADRAT DATA SHEET
HERBACEOUS STRATUM

Project

Sheet 1 of 1

Vegetation Type [illegible] Transect # 41 Type Non-Perm

T 25 R 100W S 34 1/4 1/4 S NE/NE Quadrat Size .5 m2

Aspect (degrees) 260 Slope (percent) 12% Elevation (feet) 8420'

Field Analyst(s) [illegible] Date 6-[illegible]-95

Site Description very low in grass sp exposed shale QA Check [illegible]

Species	Code #	Phenology Code	Quadrat Number 1	2	3	4	5	6	7	8	9	10
Total Percent Cover	V/A →											
Percent of Total · Each Species												
[illegible]	90	2	5	5	1	T	-	1	1.5	2	2	3
[illegible]	156	2	1	1	-	T	-	T	T	T		
[illegible] Sa	127	2	1	.5	-	.5	T		T	-	.5	
[illegible]	186	2	-	1	1	-	-		T	-	1	T
[illegible] fendleri KV 3,14 ~~+80~~		4	T	-	.5	T	T	T	T	T	T	T
[illegible] spatulatus KV 242 ~~+92~~		2	.5	3	2	1.5	2	1	2	1.5	2	
[illegible] orientale KV 31,3 ~~+80~~		4	T	-	-	-	-			-		
[illegible] Sa	125	2	1	.5	T	T	1	.5		T		
Hymenopappus acaulis KV 84.3	311 ~~+93~~	2	3	T	-	.5	1	1	.5	-	.5	
[illegible]	58	2	-	-	-	-	-		5			1
[illegible]	102	2	1	1	-	T	1	1		-		
[illegible]	166	2	-	1	1.5	5	-	5		1	1	1
[illegible]	173	2	-	T	-	-	-			-		
[illegible]	155	2			-	1.5	4	T	1	-		.5
[illegible]	172	2				-	-		1	-		1
[illegible]	175	3	-	-	-	-				-		.5

LINE-STRIP DATA SHEET 83.03.2.10-13

SHRUB, TREE SEEDLING STRATUM

Project 83

Sheet 1 of 1

Vegetation Type Basin Non-Permanent Transect # 5

T 7 S R 100 W S 14 1/4 1/4 1/4 S NW/SW Transect Length 100 meters

Aspect (degrees) [illegible] Slope (percent) 12° Elevation (feet) 8050'

Field Analyst(s) Pete, Kate, [illegible] Date 6-5-75

Site Description [illegible] veg. - Sagebrush [illegible] QA Check

Species	Code #	Phenology Code	# in each 6 x 20 m quadrat 1	2	3	4	5	Condition
1 Tetradymia canescens	31	1	5	4	5	6	8	normal
2 Artemisia tridentata	14	2	1	1	1	1	1	"
3 Chrysothamnus viscidiflorus	36	2	3	8	9	—	—	"
4								
5								
6								
7								
8								
9								
10								

Intercepts ~~(cm)~~ meters

Species	I_1	I_2	I_1	I_2	I_1	I_2	I_1	I_2	I_1	I_2
Tetradymia canescens	6.61	6.76	2.51	2.53						
Artemisia tridentata	3.20	3.50								
Chrysothamnus viscidiflorus										

QUADRAT DATA SHEET
HERBACEOUS STRATUM

Project

Sheet 1 of 1

Vegetation Type Bald Transect # 5 Type

T 2 S R S 14 1/4 1/4 S Quadrat Size

Aspect (degrees) Slope (percent) Elevation (feet) 8050

Field Analyst(s) Date

Site Description Wind Haven bald surrounded by Amelanchier QA Check

	Species	Code #	Phenology Code	Quadrat Number 1	2	3	4	5	6	7	8	9	10
	Total Percent Cover												
	Percent of Total · Each Species												
1.		173		T			.5		4.0	T			T
2.		180		T	T		T	T	T		T		
3.		127		1.0		.5	1.0	T	1.5	1.0	1.0	.5	
4.		62					T		T		T	T	.5
5.		175		T		T							T
6.		108		3.0	3.0	2.0	2.0	1.0	2.0	1.0	1.0	1.0	2.0
7.		194		T				T					
8.		186		1.0	2.5			1.0	.5	T	1.0		
9.		128		T	T								1.0
10.		125		T				T	T	T			T
11.		166		T	T	T	T	T	T	1.0	T		T
12.		77		T									
13.	~~Hymenoxys acaulis~~ ~~(Actinea richardsonii)~~ (Antennaria sp)	~~BST~~ ~~315~~ 311			T	T	T	T	T	T	T	.5	1.0
14.	Koeleria cristata K.V.	~~BGS~~ ~~146~~					1.0	T	1.0	T			
15.		112			T	T					T	T	T
16.		157				2.0							
17.		87									T		
18.		52											
19.	~~Arenaria tenella K.V. B52~~ Arenaria tenella K.V.	315 ~~117~~								1.0			1
20.		174							T	T			

BBC2210-19

LINE-STRIP DATA SHEET

SHRUB, TREE SEEDLING STRATUM

Project 83

Sheet 1 of 1

Vegetation Type BFLD Non-Permanent Transect # 8

T 2S R 99W S 18 1/4 1/4 S NW NW Transect Length 100m.

Aspect (degrees) 220° Slope (degrees) 60° Elevation (feet) 7600'

Field Analyst(s) Ellis Buford Date 18 July '75

Site Description QA Check KPM 7/23

Species	Code #	Phenology Code	# in each 6 x 20 m quadrat 1	2	3	4	5	Condition
1 ChVi	20	2,3	5	4				
2 Tetradymia canescens	31	2	5	0	1			
3 Eurotia lanata	22	2		2				
4 Pinus edulis	2	2		1	1	1		
5 Arnut	32	2			8		1	
6 Artr.	14	3			5		3	
7 Juos	1	2					1	
8								
9								
10								

Intercepts (m)

Species	I_1	I_2	I_1	I_2	I_1	I_2	I_1	I_2	I_1	I_2
Pinus edulis	1.80	1.89								
ChVi	3.08	3.12	13.90	14.18						
Artr.	4.41	5.55								

2.2 METEOROLOGY

According to the environmental lease stipulation, the . . . "Lessee shall establish a meteorological station in reasonable proximity to each proposed plant site to monitor, at least 95% of the time over each lease year during which monitoring is required, wind direction and speed (vane and anemometer) at three levels, one at least 100 feet above the surface of the plant site, one at approximately 30 feet above the surface of the plant site, and one at an intermediate level, and temperature at two levels, one at least 100 feet above the surface of the plant site, and one at approximately 30 feet above the surface of the plant site, and humidity at one level. The Lessee shall maintain records of all baseline data collection and monitoring programs."

The above describes the minimum meteorological monitoring at the proposed plant site. The RBOSP has met these minimum requirements.

The RBOSP meteorological data acquisition system is integrated into the network described in Section 2.1. It includes instrument towers at Sites 1, 2, 3, and 4. Data transmission from the remote sites and recording methods are similar to those utilized in the air quality studies, i.e., hard copy reports are provided hourly, and continuous analog records are made for each parameter.

The Central Station is located at Site 1, which has a 60-m meteorological tower. Wind speed, wind direction, air temperature and relative humidity are measured at the 10-m level. Ambient temperature, wind speed, and wind direction are measured at the 30- and 60-m levels, and the temperature differences between the 10- and 60-m levels are recorded. Additionally, precipitation and solar radiation are monitored at ground level at Site 1.

All meteorological parameters are measured continuously. The data are averaged during the last 15 minutes of each hour and entered into the computer file.

The following parameters are not part of the automatic data acquisition system, but are monitored routinely or seasonally at Site 1:

- Evaporation rate
- Snow depth and water content
- Particulates
- Visibility

At each of remote sites 2, 3, and 4 there is a 10-m meteorological tower. Wind speed, wind direction, and ambient air temperature are measured at the 10-m level.

A seasonal upper air study measuring winds and temperatures to an elevation of 13,000 feet above MSL is scheduled over Tract C-a for the first five quarters of the program. These studies, performed by manually tracking pilot balloons with a theodolite and aircraft-mounted temperature sensors, provide basic information on the mean mixing layer height above Tract C-a.

Tracer diffusion studies designed to track dispersion of the tracer material in the lower atmosphere to evaluate modeling predictions and lead to a better understanding of terrain effects will be conducted. Ambient noise level measurements will also be taken.

All the data obtained are used to define the baseline atmospheric conditions and for application in the appropriate diffusion models used to predict the effects of shale oil operations on ambient air quality.

The baseline meteorological program is established at two lower atmospheric levels, referred to in this report as lower air studies and upper air studies. The lower air studies include data obtained at the four station networks; the upper air studies involve obtaining data on the winds aloft and vertical temperature profiles. Upper air studies are performed on a seasonal basis. Tracer studies are performed during the baseline study period concurrently with upper air wind and temperature samplings. Studies which provide useful information, but do not fall into these categories are: precipitation, evaporation, solar radiation, noise, and visibility (discussed under Miscellaneous, Section 2.2.3).

2.2.1 Lower Air Studies

Lower air studies refer to the meteorological data acquired from the four station ground networks and include wind speed, direction, and temperature at 10 m above the surface at all four monitoring sites. Relative humidity at 10 m, wind speed, wind direction, and air temperature at 30 and 60 m above the surface at the main monitoring site are also included.

2.2.1.1 Objectives

The objectives in measuring meteorological parameters in the lower atmosphere are: a) to supply site and area specific baseline data which may also be used for necessary ecological modeling, and b) to supply data necessary for mathematical diffusion modeling to predict air quality impact. These data and knowledge of key shale oil operations emission factors allow calculation of expected pollutant concentrations.

2.2.1.2 Methods

No change has occurred since Progress Report 3. See section 2.2.1.2 in Progress Report 2 for specific methods used in the meteorological lower air studies.

2.2.1.3 Results

The 1975 summer season and monthly summaries of the minimum, maximum, and mean values of the meteorological parameters measured at each site are presented in Tables 2.2-1 through 2.2-4. The composite hour is the mean of the data taken during a particular hour of the day for all days of the month. A composite day defines the minimum, maximum, and mean values for 24 composite hours of a month. The minimum and maximum listed are the individual hourly averages which are greater than or less than all other hourly averages.

Summaries for each hour of the day (composite day summaries) for all meteorological parameters are presented in Appendix B, Section B.2.

2.2.1.3.1 Wind Data

Wind at Sites 1 and 2 (10-m level) were predominantly from the southwest during summer 1975. The mean wind speeds were 7.58 and 9.06 mph, respectively. Although Sites 1 and 2 are at about the

same elevation (7,400 feet above MSL) the local terrain at Site 2 is relatively flatter than at Site 1. The Site 2 monitoring location is the highest point within a radius of approximately 1 km. The 10-m level of the main meteorological tower at Site 1 is approximately 50 m lower than the elevation of several knolls within several hundred meters. The increased terrain influence at Site 1 is probably responsible for the lower mean wind speed.

Mean wind speeds at Sites 3 and 4 for the summer 1975 period were 7.10 and 6.20 mph, respectively. Sites 3 and 4, below plateau levels, are situated in the approximate centers of Corral Gulch and Yellow Creek Gulch at elevations of 6,570 and 6,280 feet above MSL. Corral Gulch runs in a west to east direction. Yellow Creek Gulch runs in a south-southwest to north-northwest direction.

The diurnal variation of mean wind speed is shown in Figures 2.2-1 to 2.2-6 for each site. Mean wind speeds average 4 to 7 mph higher during daytime hours with Sites 3 and 4 showing the larger variation. This is probably due to valley locations for those sites and to a larger temperature diurnal variation. The 60-m level has about a 7-mph higher wind speed during the day than at night. During June, there was a double peak for the 60-m mean wind speed, one occurring from 0000 to 0300 and one during the daylight hours. The daytime maximum mean was about 6 mph greater than the nighttime peak. The minimum mean, occurring around 0700, was about 9 mph less than the peak occurring at 1300.

The wind direction sigma, diurnal variation, at the 10-m level, Site 1 is shown in Figure 2.2-7. The peak on the maximum wind direction sigma curve, about 59 degrees, is one isolated occurrence. No explanation for this point can be made except it can only be associated with highly variable wind conditions.

Wind rose data for summer 1975 are presented for all four monitoring stations in Figures 2.2-8 through 2.2-13. The monthly wind rose figures are presented in Appendix B, Section B.4. The percent of occurrence of each wind class can be obtained from the number scale on each wind rose plot or from the wind rose data summaries in Section B.3.

Wind rose data (10-m level) from Sites 1 and 2 are comparable. The reduced frequency of occurrence of southwest winds relative to south-southwest and west-southwest winds is probably caused by the influence from a small knoll about 200 m southwest of Site 1. Extreme terrain-induced wind channeling effects exist at Sites 3 and 4. Winds at Site 3 are predominantly from the west, which is in agreement with the westerly course of Corral Gulch. The predominant winds at Site 4 are from the south-southwest, corresponding

to the orientation of Stake Springs Draw and Yellow Creek. In addition to the terrain-induced channeling of the gradient winds at Sites 3 and 4, valley drainage flows probably contribute significantly to the direction of winds.

The wind rose data (bivariate wind speed and wind direction distribution) for monitoring locations for June, July, and August are presented in Appendix B, Section B.5. A maximum calm percentage of 0.9% occurred at Site 4 during summer 1975. Minimums of 0.1% occurred at Sites 2 and 3.

A least squares fit to the mean seasonal wind speed as a function of height at the 60-m tower (Site 1) was done to investigate the applicability of the logarithmic wind profiles:

$$\bar{u} = \frac{u_*}{K} \ln \left(\frac{Z}{Z_o}\right)$$

where Z_o is the roughness parameter, K is the von Karman constant, and u_* is the friction velocity. The seasonal data fit the logarithmic wind profile to a high degree of confidence (coefficient of determination = r^2 - 0.98) with u_*/K = 1.42 mph and Z_o = 5.3 cm. Z = height above ground (in meters).

2.2.1.3.2 Air Temperature Data

The minimum, maximum, and mean values of air temperature and temperature difference at Site 1 as a function of the hour of the day for each of the four sites for the summer season are plotted in Figures 2.2-14 through 2.2-18. These figures illustrate the composite day summaries given in Appendix B, Section B.2.

The valley sites (3 and 4) have a much larger diurnal temperature variation than the plateau sites (1 and 2). The intensity of the cold portion of the composite days at Sites 3 and 4, in relation to that at Sites 1 and 2, is much greater. This is probably because of cold air valley drainage flows. The composite day air temperature data for Sites 3 and 4 indicate that more cold air accumulates at Site 4 than at Site 3. The 200-foot elevation difference and the Stake Spring Draw air flow, as well as the Corral Gulch air flow draining into the Yellow Creek Gulch, contribute to this intensity difference.

Although there is a substantial difference in the diurnal variation among all sites, the average temperatures over each month and the season agree well (to within 1.42 C) between sites.

2.2.1.3.3 Atmospheric Stability

Atmospheric stability was determined from temperature difference measurements made between the 10-m and the 60-m level on the main meteorological tower at Site 1. Figure 2.2-19 presents the minimum, maximum, and mean composite day temperature differences as a function of the time of day for the summer season 1975. These data were compiled from the composite day summaries listed in Appendix B, Section B.2.

These data indicate that the mean-surface inversion is relatively weak (about a -0.61 C difference in temperature) during the interval from 2100 hours MST in the evening until 0600 hours MST the following morning. When the break-up of the mean surface inversion occurs, atmospheric stability becomes significantly unstable. The intensities of the most stable inversions are about the same as those of the most unstable conditions.

The percent of occurrence of the modified Pasquill stability categories for summer 1975 and associated mean wind speeds are presented in Table 2.2-5. Stability categories were calculated according to the following criteria:

Stability Index	Temperature change (C) with heights per 100 m
A	$\Delta T < -1.9$
B	$-1.9 \leq \Delta T < -1.7$
C	$-1.7 \leq \Delta T < -1.5$
D	$-1.5 \leq \Delta T < -0.5$
E	$-0.5 \leq \Delta T < 1.5$
F	$1.5 \leq \Delta T < 4.0$
G	$4.0 \leq \Delta T$

A complete listing of the trivariate joint frequency distributions between wind speed, wind direction, and atmospheric stability is presented in Appendix B, Section B.5. The wind speeds, as a function of stability category, show a definite relationship. Categories A and G have the highest average wind speeds and E has the lowest. The slightly stable Category E occurred on the average during nighttime hours with F and G occurring in early morning around 0600.

2.2.1.3.4 Relative Humidity

Figure 2.2-20 graphically presents the minimum, maximum, and mean composite day relative humidities as a function of hour of day for summer 1975. These figures were compiled from the composite day summaries listed in Appendix B, Section B.2. The relative humidity data were taken at the 10-m level at Site 1. There was a significant decrease (35% to 23%) in the average relative humidity at sunrise. The effect is probably due to the rapid surface heating of the air, although the transition period takes over 2 hours. The decrease may also arise from the increased thermally generated turbulent mixing caused by the reversal of the average lapse rate from slightly stable to slightly unstable and the increased surface temperature.

Table 2.2-1. Meteorological parameters, monthly summary for June 1975, RBOSP.

Parameter	Units	Minimum	Maximum	Mean
		SITE 1		
Wind Speed (10 m)	mph	1.11	25.23	8.86
Wind Speed (30 m)	mph	0.81	30.04	10.57
Wind Speed (60 m)	mph	0.80	32.44	12.12
Wind Direction Sigma (10 m)	degrees	2.36	59.26	11.74
Air Temperature (10 m)	C	2.02	24.51	13.49
Air Temperature (30 m)	C	1.05	23.38	12.93
Temperature Difference (60 to 10 m)	C	-2.66	2.37	0.19
Relative Humidity (10 m)	%	10.21	86.72	31.35
		SITE 2		
Wind Speed (10 m)	mph	1.14	35.53	10.15
Air Temperature (10 m)	C	1.47	24.46	13.03
		SITE 3		
Wind Speed (10 m)	mph	0.96	29.90	7.67
Air Temperature (10 m)	C	-2.39	26.32	12.07
		SITE 4		
Wind Speed (10 m)	mph	0.59	26.40	7.00
Air Temperature (10 m)	C	-2.97	29.18	13.22

Table 2.2-2. Meteorological parameters, monthly summary for July 1975, RBOSP.

Parameter	Units	Minimum	Maximum	Mean
		SITE 1		
Wind Speed (10 m)	mph	0.80	18.95	6.17
Wind Speed (30 m)	mph	0.85	23.14	7.05
Wind Speed (60 m)	mph	0.56	25.45	8.02
Wind Direction Sigma (10 m)	degrees	0.01	30.69	13.30
Air Temperature (10 m)	C	5.73	28.24	19.47
Air Temperature (30 m)	C	9.49	27.00	19.19
Temperature Difference (60 to 10 m)	C	-3.65	3.08	0.16
Relative Humidity (10 m)	%	10.14	84.21	24.81
		SITE 2		
Wind Speed (10 m)	mph	0.62	22.15	7.01
Air Temperature (10 m)	C	9.50	27.47	19.20
		SITE 3		
Wind Speed (10 m)	mph	1.22	17.32	6.12
Air Temperature (10 m)	C	5.81	28.97	17.92
		SITE 4		
Wind Speed (10 m)	mph	0.72	19.46	5.21
Air Temperature (10 m)	C	2.67	33.14	19.69

Table 2.2-3. Meteorological parameters, monthly summary for August 1975, RBOSP.

Parameter	Units	Minimum	Maximum	Mean
		SITE 1		
Wind Speed (10 m)	mph	0.70	30.79	7.60
Wind Speed (30 m)	mph	0.57	37.05	8.73
Wind Speed (60 m)	mph	0.58	41.05	10.06
Wind Direction Sigma (10 m)	degrees	0.71	31.12	11.39
Air Temperature (10 m)	C	1.40	30.07	18.51
Air Temperature (30 m)	C	7.74	26.78	18.06
Temperature Difference (60 to 10 m)	C	-4.69	4.74	0.09
Relative Humidity (10 m)	%	10.00	81.36	21.32
		SITE 2		
Wind Speed (10 m)	mph	0.86	36.70	9.71
Air Temperature (10 m)	C	8.20	26.97	18.06
		SITE 3		
Wind Speed (10 m)	mph	1.02	23.52	7.36
Air Temperature (10 m)	C	3.47	28.76	16.30
		SITE 4		
Wind Speed (10 m)	mph	0.65	31.23	6.22
Air Temperature (10 m)	C	-0.53	32.15	17.37

Table 2.2-4. Meteorological parameters seasonal summary for Summer 1975, RBOSP.

Parameter	Units	Minimum	Maximum	Mean
		SITE 1		
Wind Speed (10 m)	mph	0.70	30.79	7.58
Wind Speed (30 m)	mph	0.57	37.05	8.85
Wind Speed (60 m)	mph	0.56	41.05	10.19
Wind Direction Sigma (10 m)	degrees	0.01	59.26	12.17
Air Temperature (10 m)	C	1.40	30.07	17.29
Air Temperature (30 m)	C	1.05	27.00	16.85
Temperature Difference (60 to 10 m)	C	-4.69	4.74	0.14
Relative Humidity (10 m)	%	10.00	86.72	25.52
		SITE 2		
Wind Speed (10 m)	mph	0.62	36.70	9.06
Air Temperature (10 m)	C	1.47	27.47	16.86
		SITE 3		
Wind Speed (10 m)	mph	0.96	29.90	7.10
Air Temperature (10 m)	C	-2.39	28.97	15.50
		SITE 4		
Wind Speed (10 m)	mph	0.59	31.23	6.20
Air Temperature (10 m)	C	-2.97	33.14	16.82

Table 2.2-5. Percent of occurrence of the Pasquill stability classes at Site 1. Stability category determined from the temperature difference between the 10- and 60-m levels during the Summer 1975, RBOSP.

Stability Classification	Pasquill Categories	Temperature Change with Height (C/100 m)	Percent of Occurrence	Mean Wind Speed (mph)
Extremely Unstable	A	Less than -1.9	18.38	10.26
Moderately Unstable	B	-1.9 to -1.7	6.72	8.98
Slightly Unstable	C	-1.7 to -1.5	6.11	8.05
Neutral	D	-1.5 to -0.5	18.19	7.84
Slightly Stable	E	-0.5 to 1.5	35.54	5.60
Moderately Stable	F	1.5 to 4.0	13.20	7.59
Extremely Stable	G	Greater than 4.0	1.87	9.09

SOURCE: David H. Slade, Editor, Meteorology and Atomic Energy Nat. Tech. Serv. TID-24190, pp. 102-103, 1971.

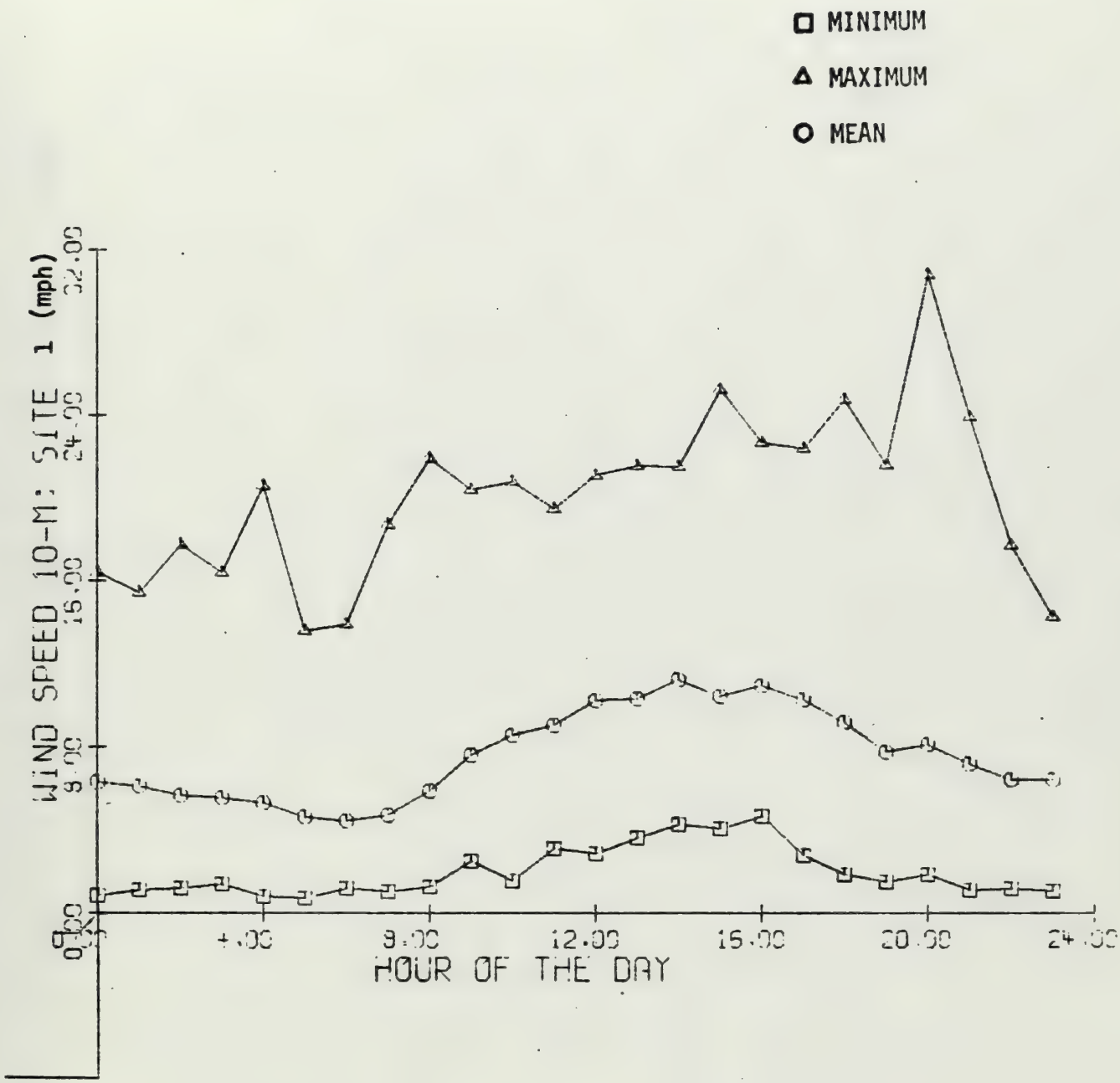


Figure 2.2-1. Wind speed, 10-m level (minimum, maximum, and mean by hour of the day) for Summer 1975 at Site 1, RBOSP.

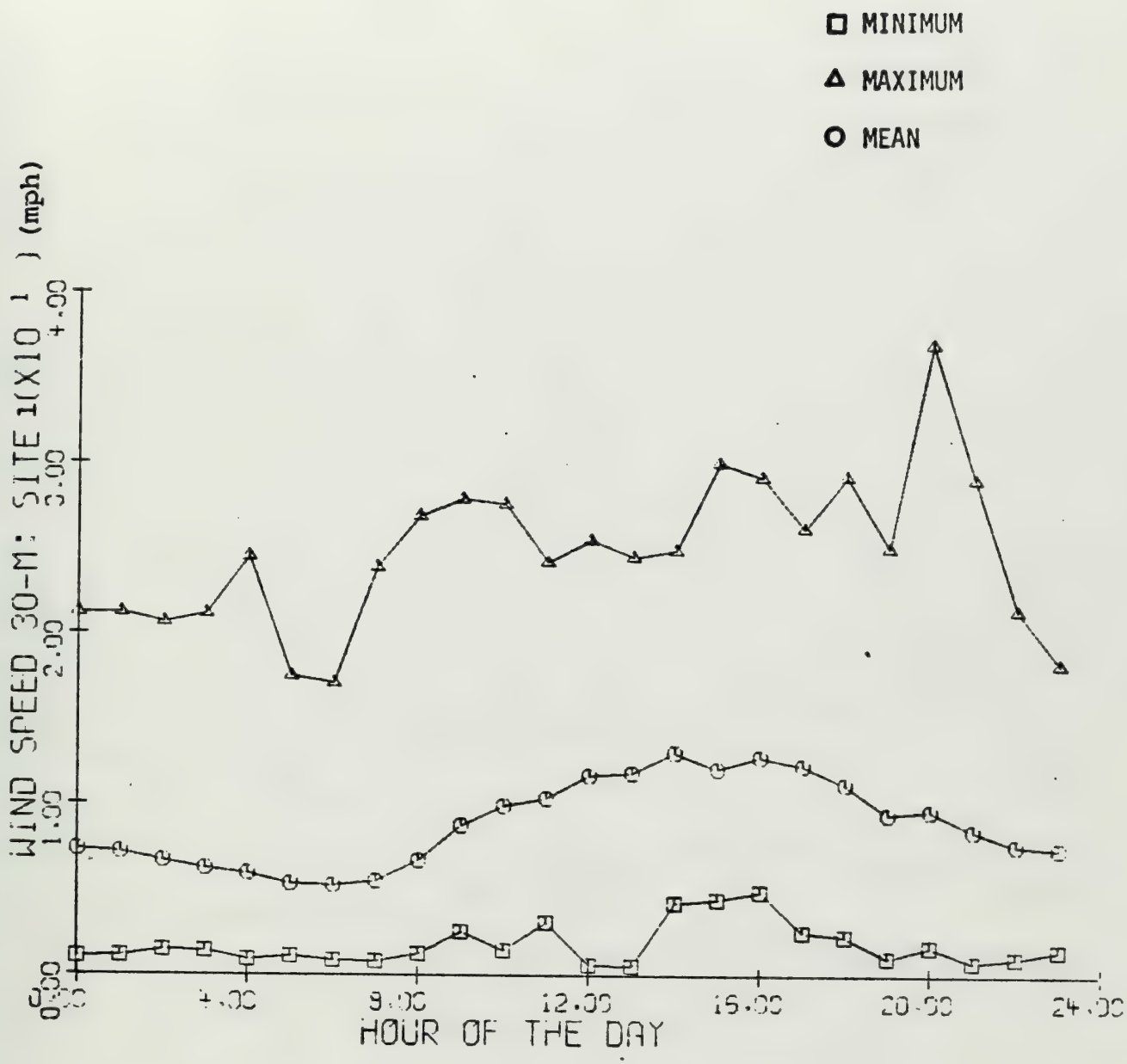


Figure 2.2-2. Wind speed, 30-m level (minimum, maximum, and mean by hour of the day) for Summer 1975 at Site 1, RBOSP.

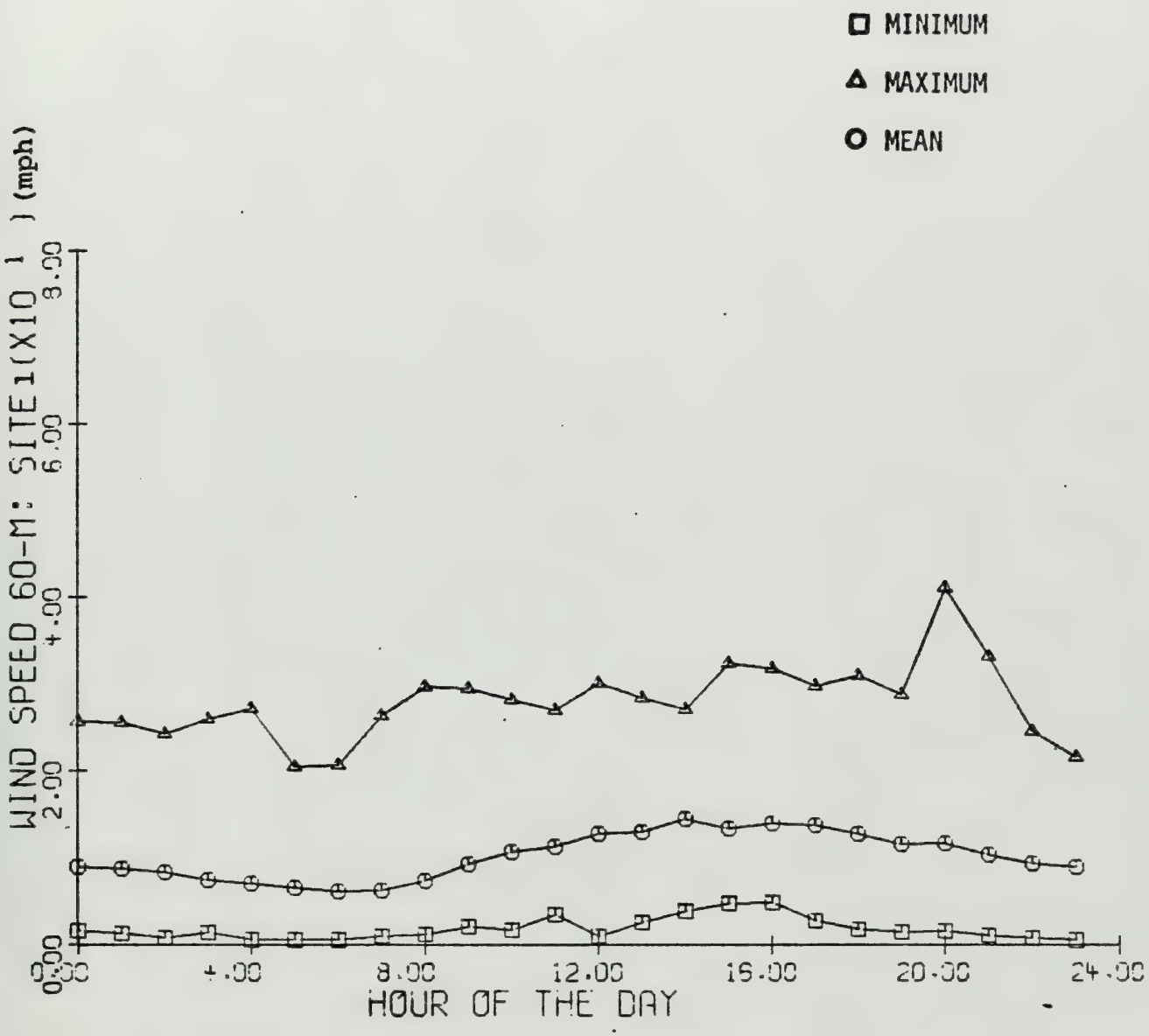


Figure 2.2-3. Wind speed, 60-m level (minimum, maximum, and mean by hour of the day) for Summer 1975 at Site 1, RBOSP.

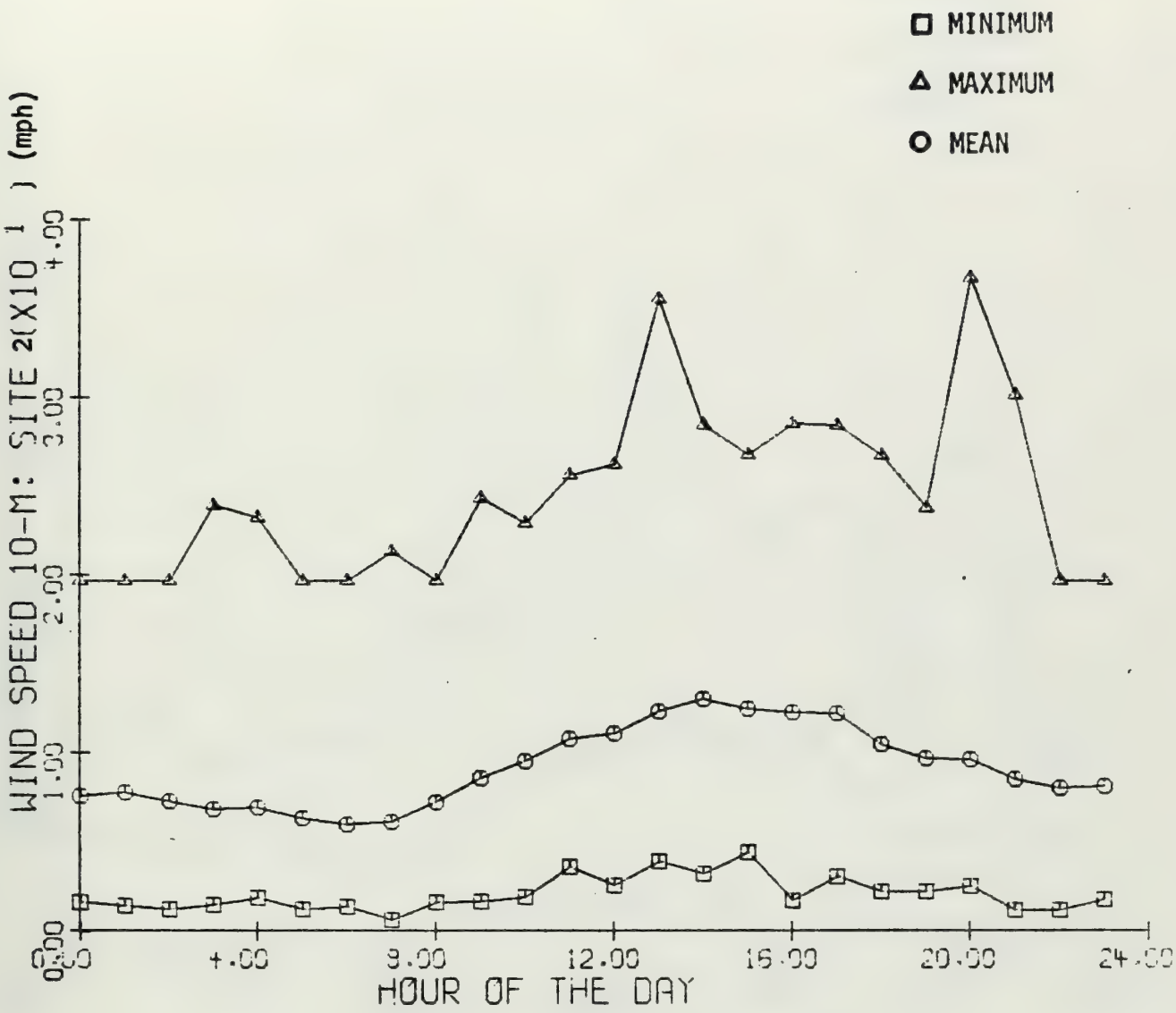


Figure 2.2-4. Wind speed, 10-m level (minimum, maximum, and mean by hour of the day) for Summer 1975 at Site 2, RBOSP.

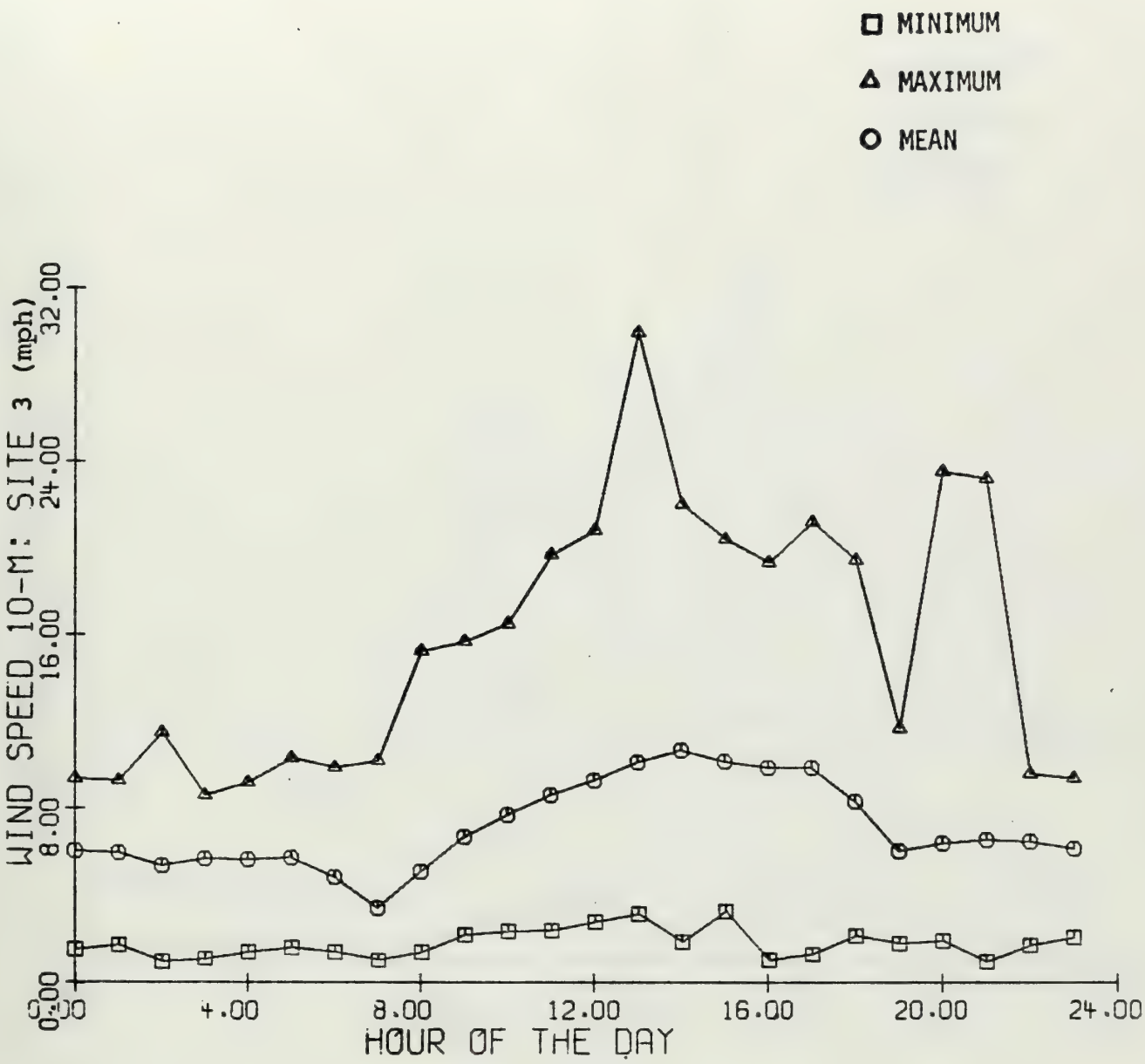


Figure 2.2-5. Wind speed, 10-m level (minimum, maximum, and mean by hour of the day) for Summer 1975 at Site 3, RBOSP.

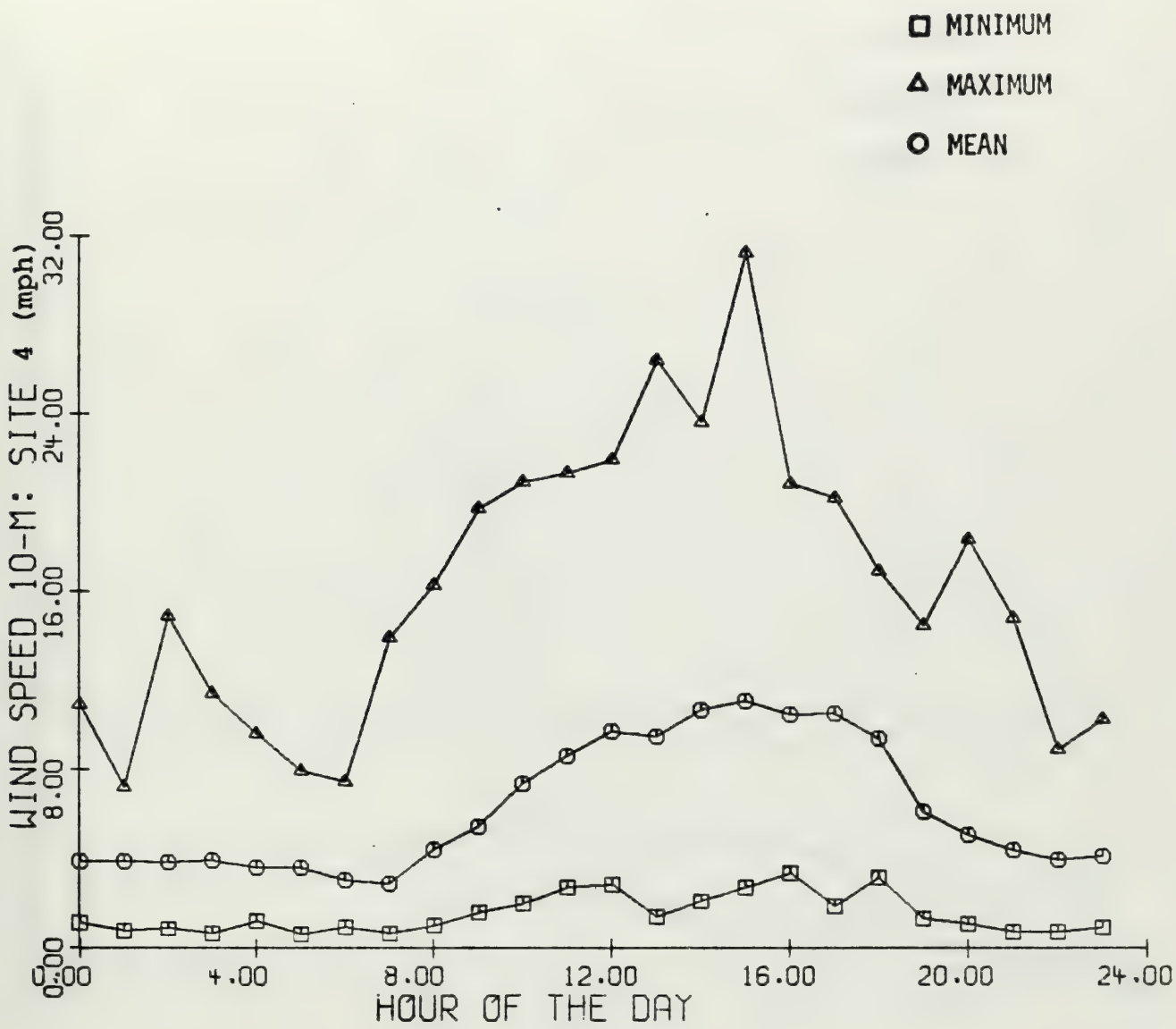


Figure 2.2-6. Wind speed, 10-m level (minimum, maximum, and mean by hour of the day) for Summer 1975 at Site 4, RBOSP.

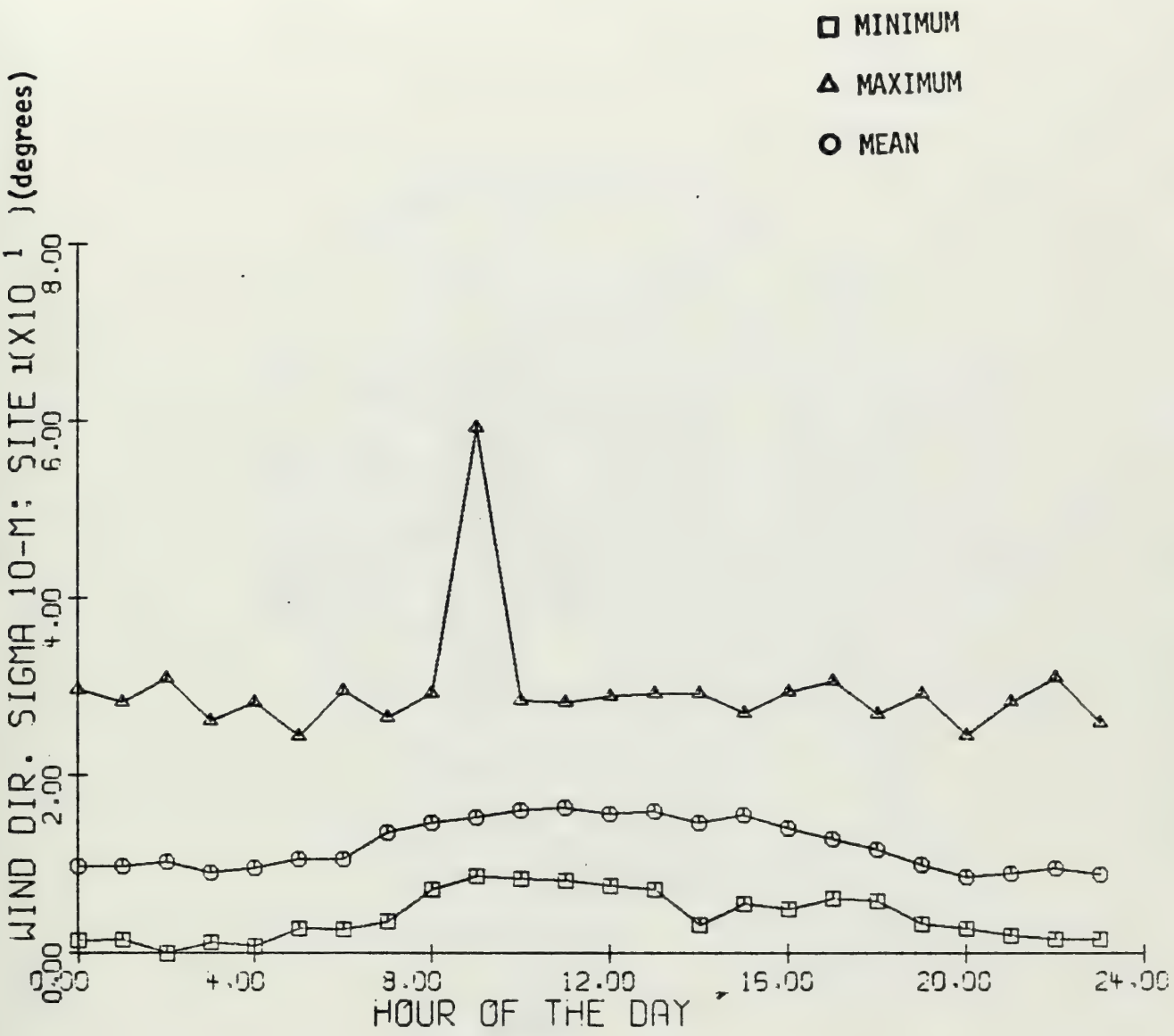
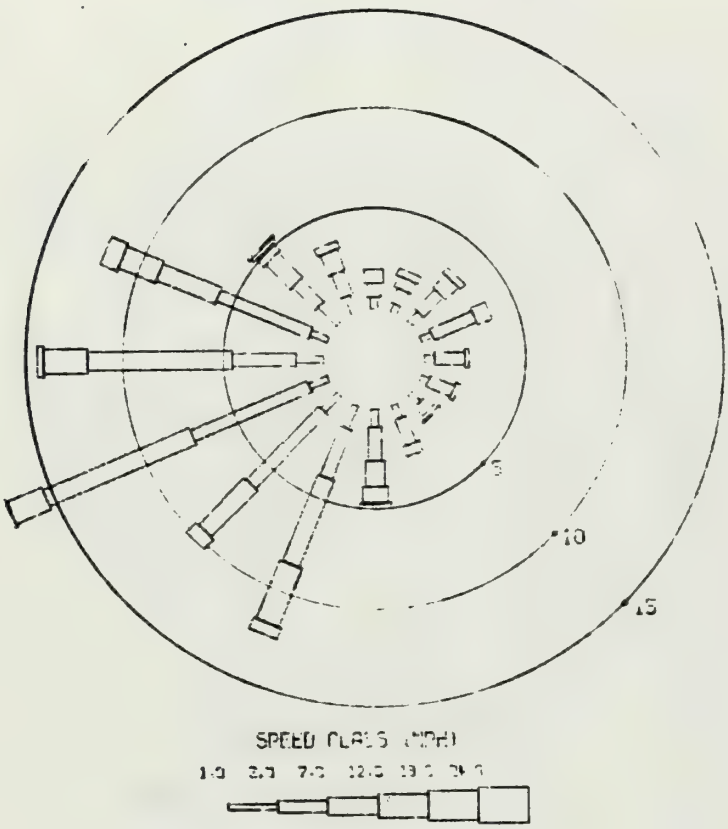
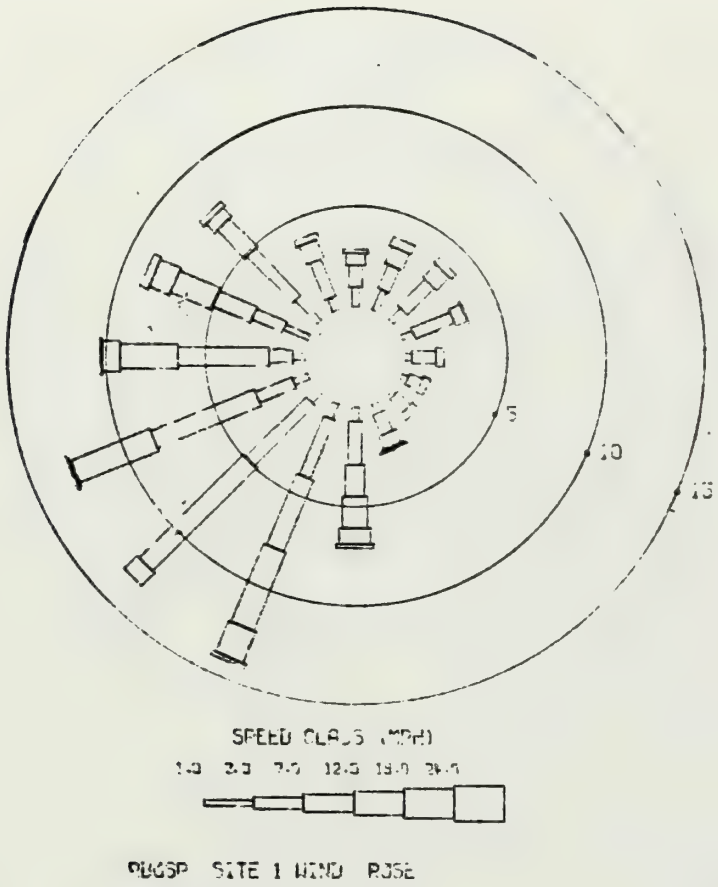


Figure 2.2-7. Wind direction sigma, 10-m level (minimum, maximum, and mean by hour of the day) for Summer 1975 at Site 1, RBOSP.



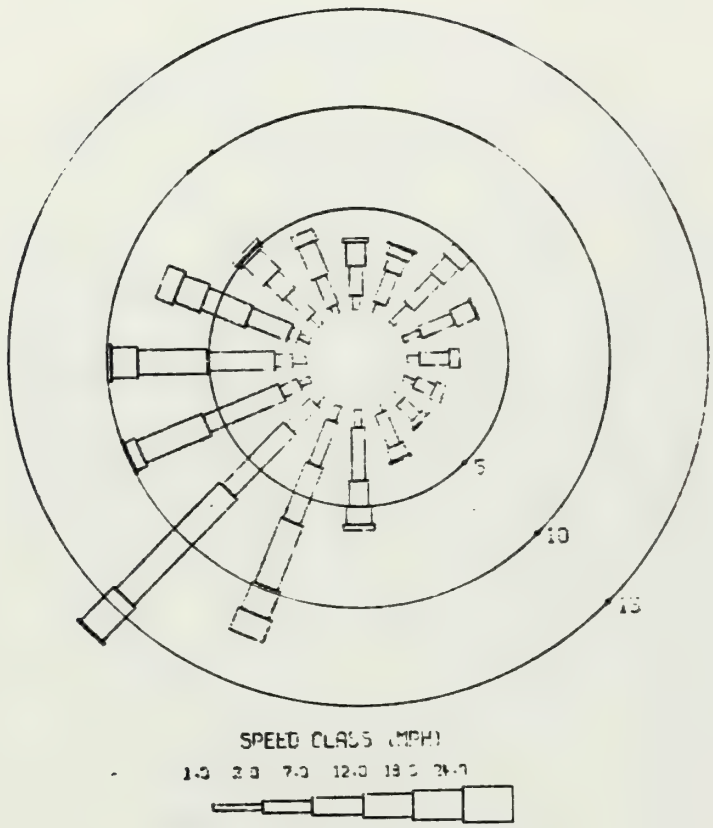
10 m
Summer

Figure 2.2-8. Summer 1975 wind rose from the 10-m level at Site 1, RBOSP.



30 m
Summer

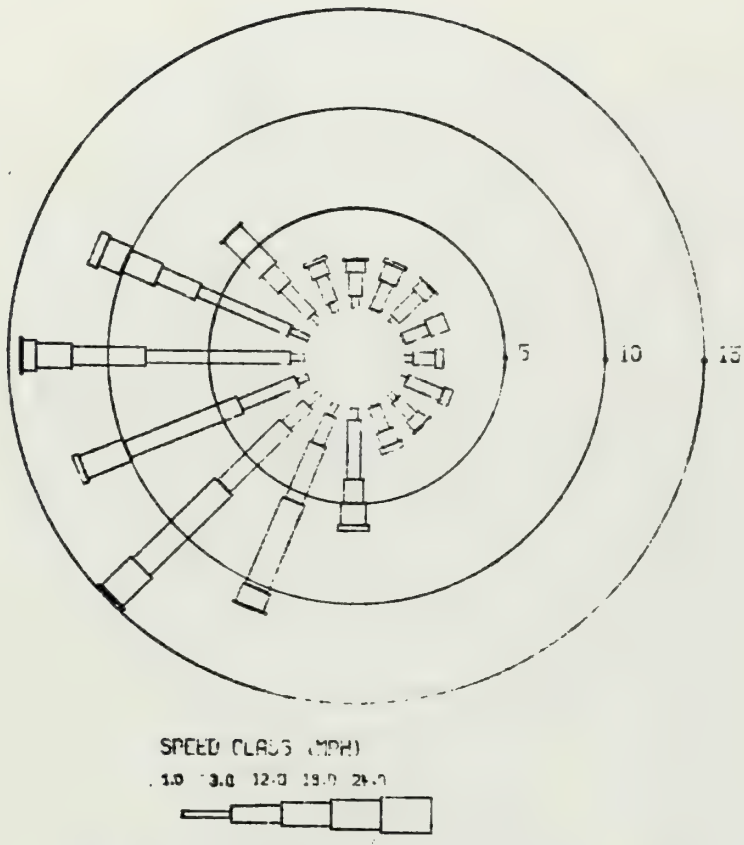
Figure 2.2-9. Summer 1975 wind rose from the 30-m level at Site 1, RBOSP.



60 m

Summer

Figure 2.2-10. Summer 1975 wind rose from the 60-m level at Site 1, RBOSP.



Summer

Figure 2.2-11. Summer 1975 wind rose from the 10-m level at Site 2, RBOSP.

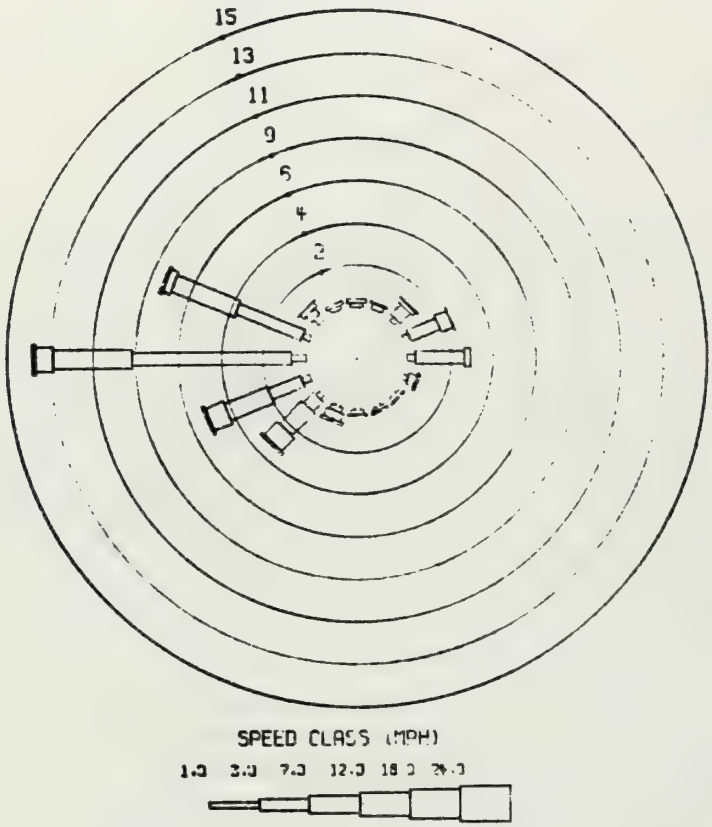


Figure 2.2-12. Summer 1975 wind rose from the 10-m level at Site 3, RBOSP.

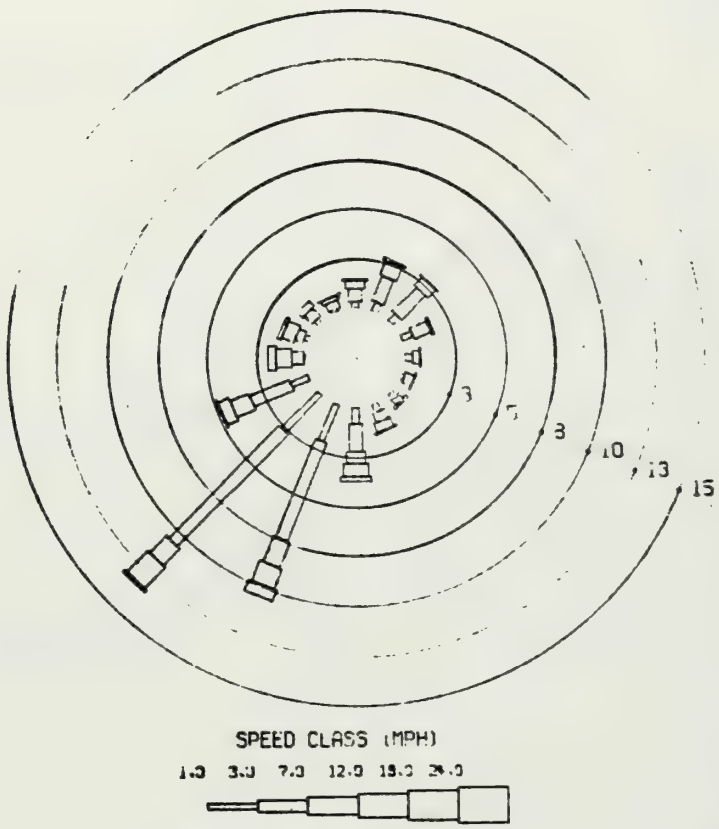


Figure 2.2-13. Summer 1975 wind rose from the 10-m level at Site 4, RBOSP.

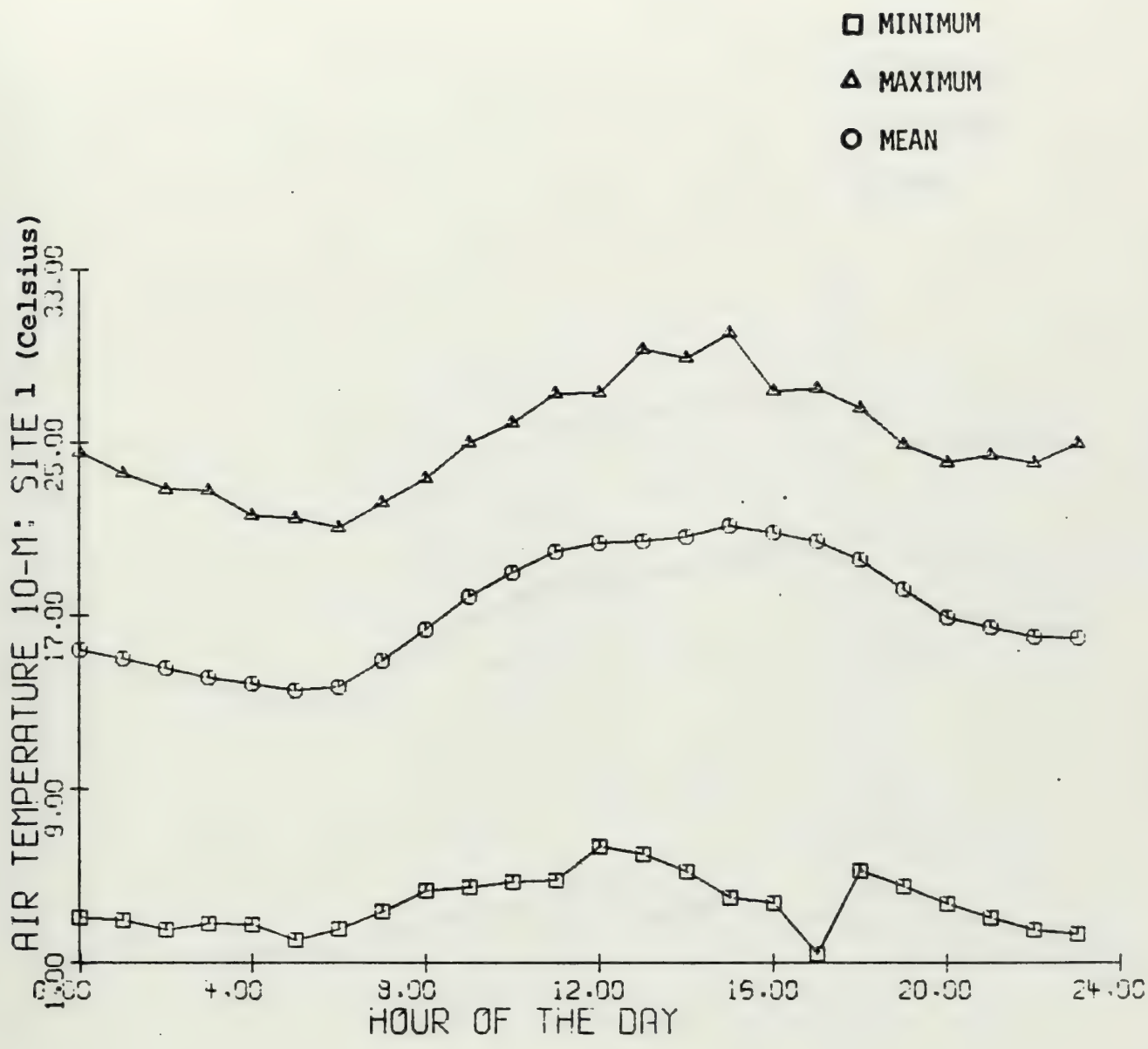


Figure 2.2-14. Air temperature, 10-m level (minimum, maximum, and mean by hour of the day) for Summer 1975 at Site 1, RBOSP.

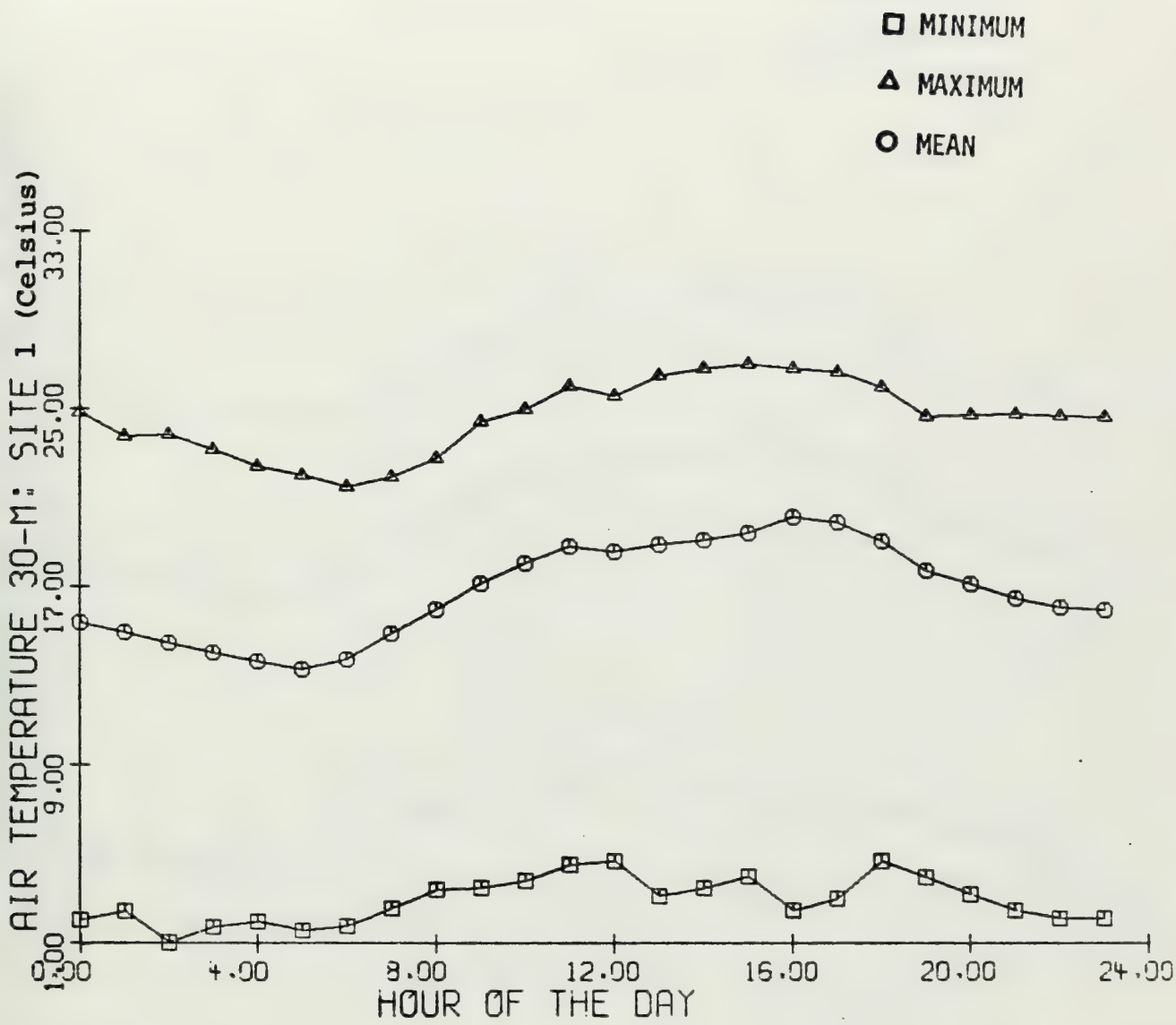


Figure 2.2-15. Air temperature, 30-m level (minimum, maximum, and mean by hour of the day) for Summer 1975 at Site 1, RBOSP.

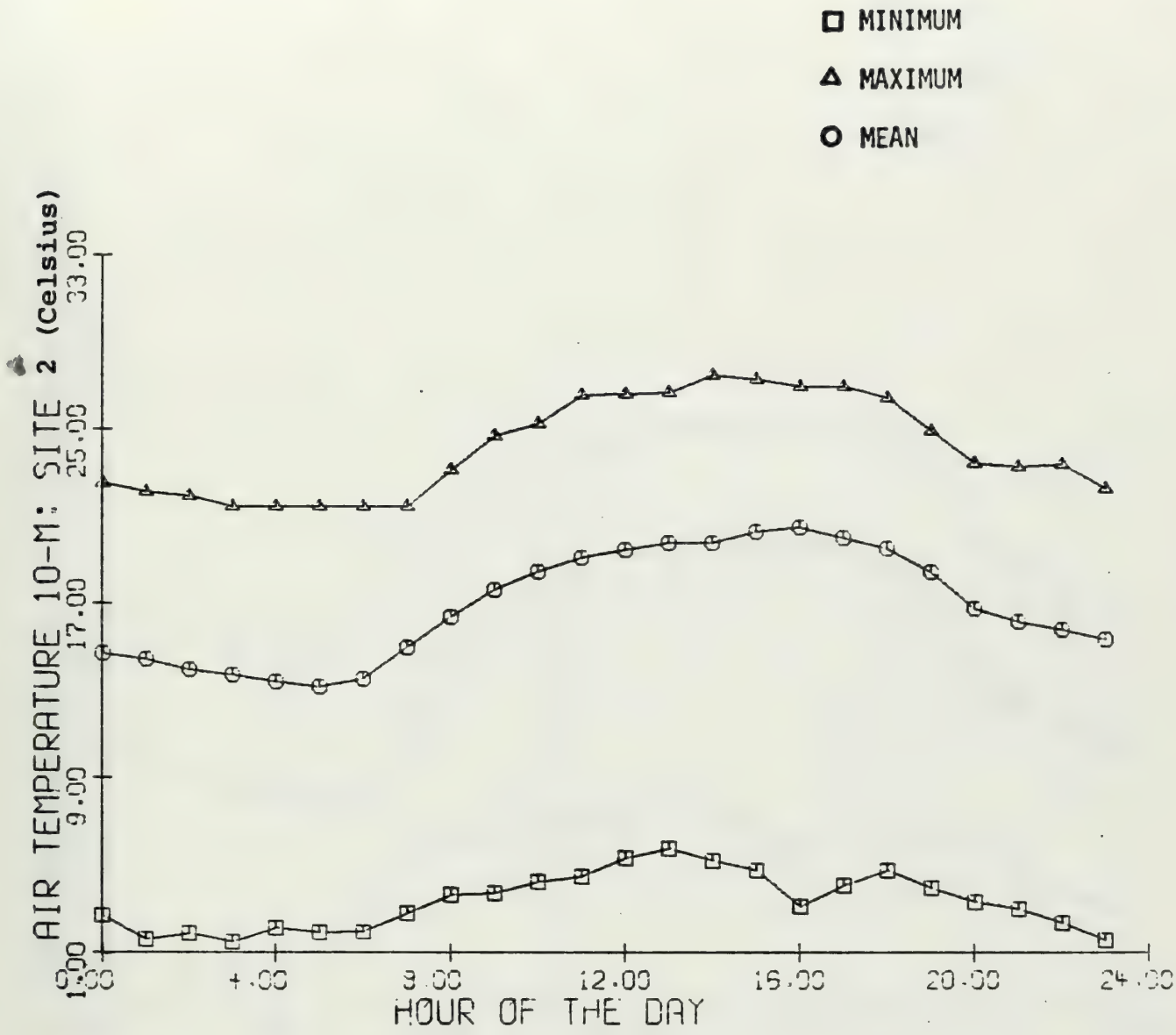


Figure 2.2-16. Air temperature (minimum, maximum, and mean by hour of the day) for Summer 1975 at Site 2, RBOSP.

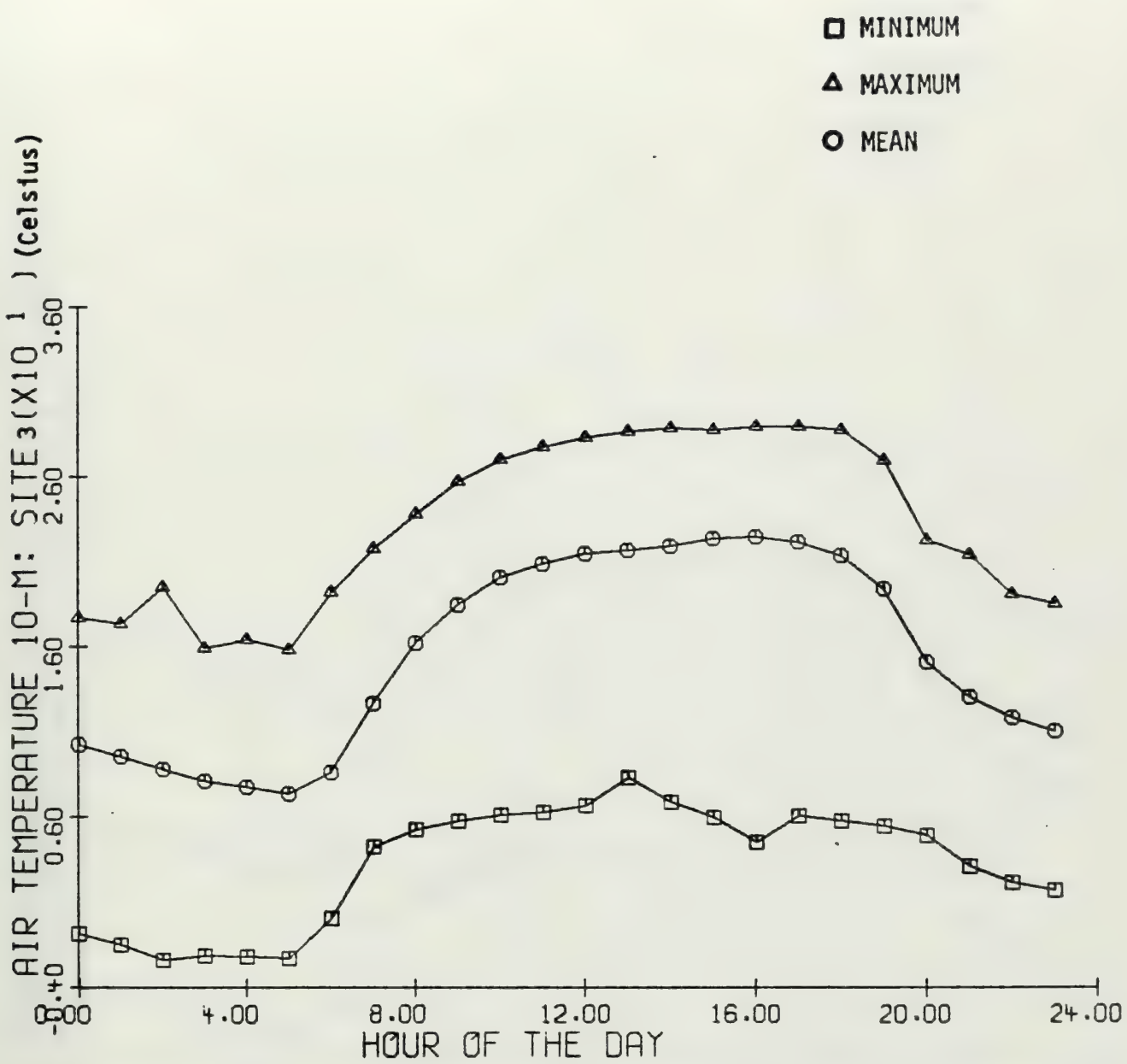


Figure 2.2-17. Air temperature (minimum, maximum, and mean by hour of the day) for Summer 1975 at Site 3, RBOSP.

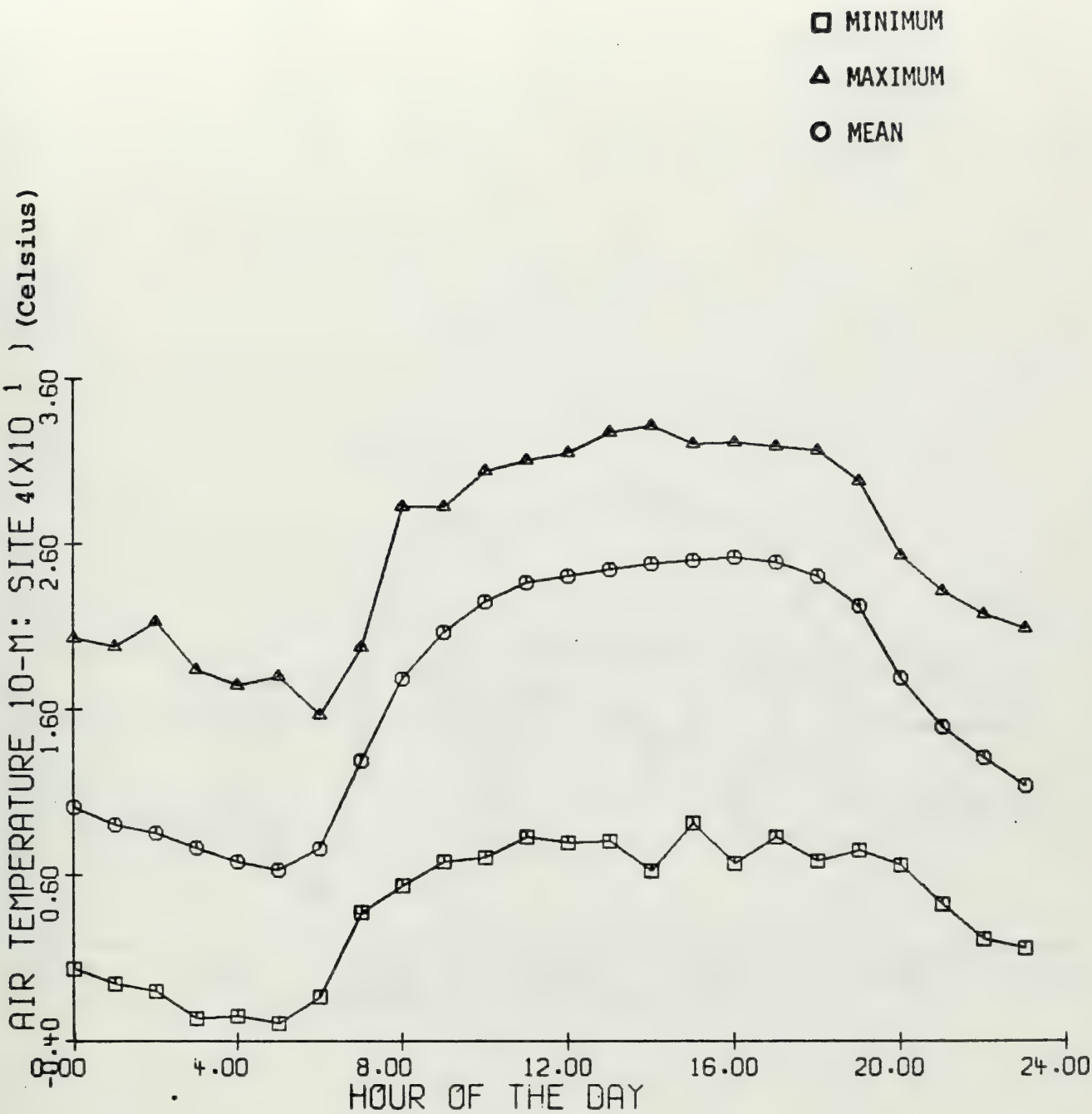


Figure 2.2-18. Air temperature (minimum, maximum, and mean by hour of the day) for Summer 1975 at Site 4, RBOSP.

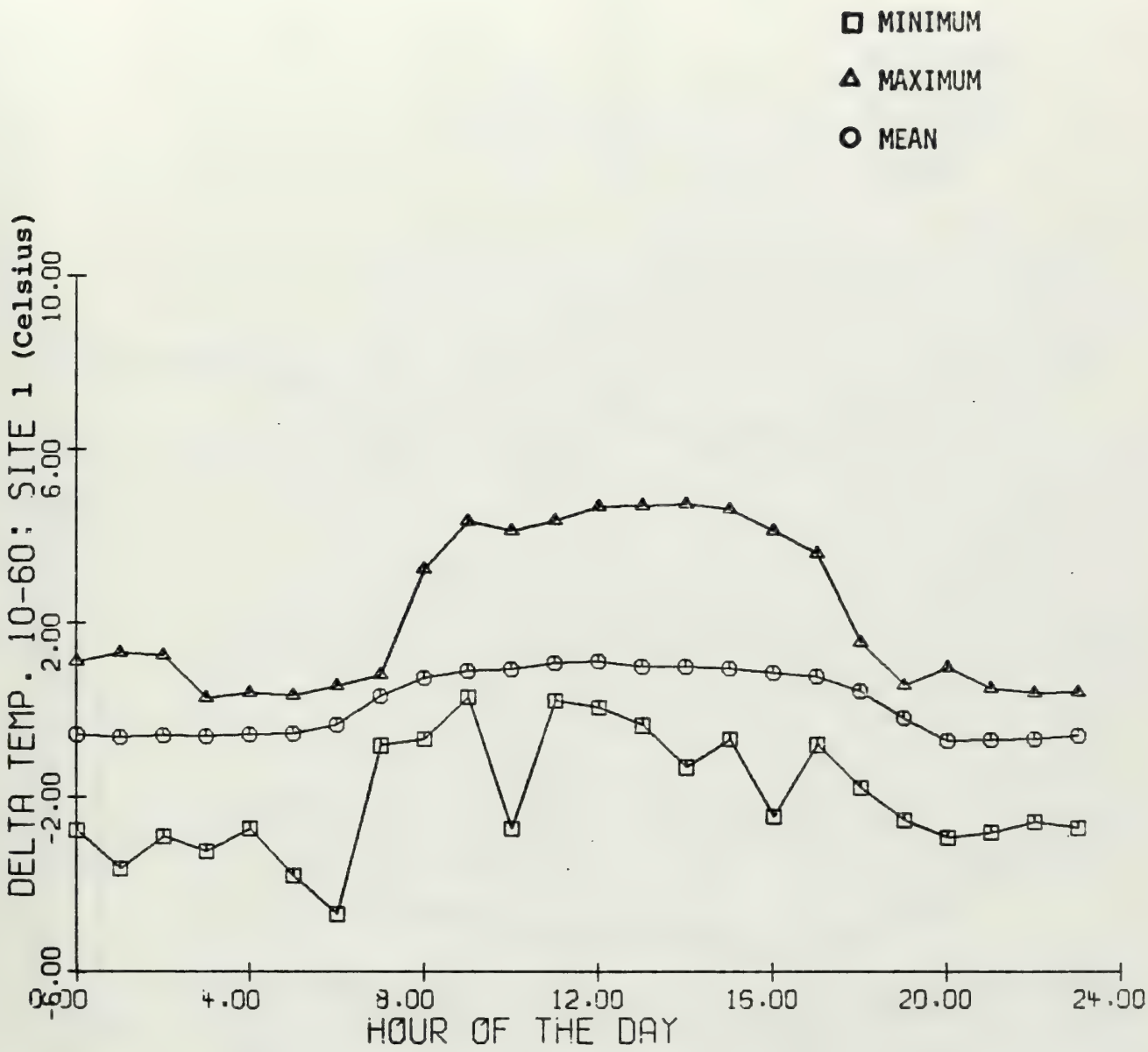


Figure 2.2-19. Temperature difference between the 10-m and 60-m levels (minimum, maximum, and mean by hour of the day) for Summer 1975 at Site 1, RBOSP.

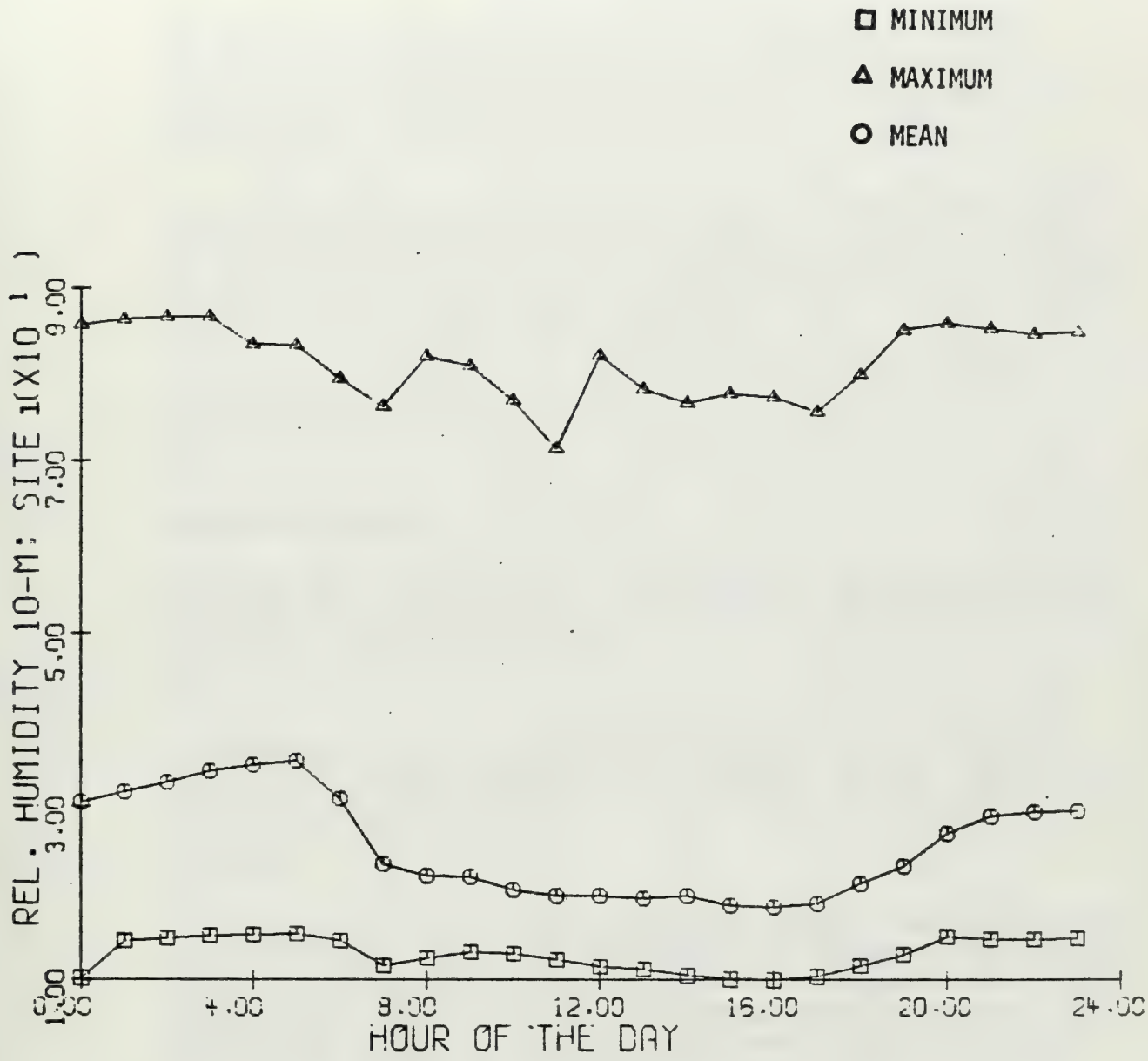


Figure 2.2-20. Relative humidity (percent), (minimum, maximum, and mean by hour of the day) for Summer 1975 at Site 1, RBOSP.

2.2.2 Upper Air Studies

2.2.2.1 Objectives

The purpose of these studies is to investigate the temperature and wind structure of the atmosphere over Tract C-a as a function of season. These data will be included in modeling studies to predict the environmental impact of future oil shale developments.

The studies required 15 days of soundings, four each day. Since inclement weather could force cancellation of aircraft flights, and limit pilot balloon tracking, a successful data day is defined as one having a minimum of two temperature profiles, one of which is flown into the valley below Tract C-a.

The period of performance of the field work was from 12 July through 26 July 1975.

2.2.2.2 Methods

2.2.2.2.1 Temperature Profiles

No change has occurred since Progress Report 3. See section 2.2.2.2.1 in Progress Report 2 for specific methods used in the temperature profile measurements.

2.2.2.2.2 Winds Aloft

No change has occurred since Progress Report 3. See section 2.2.2.2.2 in Progress Report 2 for specific methods used in the winds aloft measurements.

2.2.2.3 Results[1/]

The temperature structure over Tract C-a followed the dry adiabatic lapse rate higher than 1,000 feet above the surface in the absence of inversions and a wet adiabatic behavior during periods of nearby thunderstorm activity with few surface-based stable layers. The air from the surface to the 1,000-foot level exhibited a complex profile with inversions in the morning hours, which broke up

1/ For a more complete description of the processes involved and a more extensive summary, refer to EG&G Report No. ECR-75-017, 15 September 1975, "Upper Air Comparison Studies for Summer 1975 between Federal Oil Shale Tracts C-a, C-b and Grand Junction, Colorado.

by early morning on each measurement day. Temperature inversions were quite pronounced in the valleys below Tract C-a, but none were greater than 4.2 C/100 m (Pasquill, Category F). The average mixing layer depth in the presence of a surface inversion at the early morning sounding (0500 MST) was 1,000 feet above the base of the main meteorological tower over Tract C-a. By 0800 MST, all surface inversions above the tract had dissipated; however in 10 instances, the inversion remained within the valleys below the tract. Comparison with the fall 1974 (AL-ECP-74-108), winter 1974 (AL-EC-118), and spring 1975 (ECR-75-004) upper air data indicates that there are significant differences in the mixing layer heights and intensites when a surface inversion is present.

Several flights to determine the horizontal temperature structure at constant altitude, but at varying heights (depending upon terrain), showed little horizontal dependence even when these were performed in the presence of a surface inversion. However, surface-based measurements of the actual temperature indicate that large horizontal temperature gradients probably exist when a surface-based vertical temperature inversion is present. The large horizontal temperature gradients observed are limited (about 100 feet) in vertical extent above the surface.

The wind structure above Tract C-a depends heavily upon the upper (500-mbar) level flows as well as the detailed surface topography, which is complex. In general, the upper level winds were predominantly from the southwest, although light variable winds from all directions were represented during the study period. In addition, wind speeds during the early morning hours were less than and not as gusty as those recorded later in the day.

During the 15-day study period, several soundings over Tract C-a were aborted because of inclement weather and dangerous flying conditions.

Weather conditions for the 15-day period are given in Table 2.2-6. A chronological history of release times and heights attained by the pilot balloons (pibals), time of air temperature soundings (tower fly-by), and surface temperatures at Tract C-a are presented in Table 2.2-7.

A summary of pibal measurements and the resultant calculated upper air velocities (mph) and directions (heading in degrees) are given in Appendix B, Section B.6.1. Each sighting is listed and the height and horizontal coordinates (X and Y corresponding to the distances in the east and north directions, respectively) are calcaulted assuming a 600 feet/min constant rate of rise. A median height, velocity, and direction are listed between each sighting.

These values were calculated from prior and subsequent sighting data. A value of 999.0 indicates that a particular data point was missing.

The data listed in Appendix B, Section B.6.1 were plotted in polar form to give qualitative and quantitative means of viewing the data presented in Appendix B, Section B.6.3. Each sounding has a corresponding polar plot. The points indicate the balloon position at a particular sighting. The numbers next to the points represent the calculated height of the balloon in hundreds of feet above the surface at that point. Other heights can be determined given that each continuous point is vertically displaced 300 feet from its nearest point. Where data were missing, no point was plotted, but the line was interrupted.

In general, there is little agreement between pibal soundings made at different times of the day. The general clockwise turning of direction with height (Ekman effect) is apparent in only a few plots. Most, however, exhibit extremely complex structures. Another outstanding feature of the wind sounding plots is the lack of consistency in the directionality. This can be explained, in part, by the large frequency of occurrence of light and variable wind speeds.

A summary of all temperature soundings is given in Appendix B, Section B.6.2. Soundings were made in valleys during the day to investigate the temperature structure of air at lower elevations than the main monitoring site. These soundings indicate that, in most cases, when an inversion was present, the inversion intensity at the lower levels was more severe than at the proposed plant altitude. An example of this behavior is shown in the temperature profiles taken at 0500 on 14 July 1975. Of the 15 days of data collection, all showed evidence of isothermal or inversion conditions. The summer study showed only a single day with precipitation actually falling at the tract, although 10 days exhibited scattered thunderstorm activity within about a 15-mile radius. Although surface-based inversions were present every morning, they never persisted through the second sounding above the tract; however, in 10 instances, the inversions remained in the valleys below the tract past 0800 MST. Inversions were not present during the late morning and afternoon soundings.

The unconnected solid symbols plotted at the elevation of the base of the tower (7,400 feet) represent the results of temperature measurements made at the 10-m level of the meteorological tower on Tract C-a at about the same time as the aircraft temperature soundings. In many cases, these measurements show large differences which follow a simple pattern. In the early morning, the surface temperature was colder than the sounding temperature

value at the absolute elevation of the surface-based measurement. During the mid- and late-morning soundings, the instantaneous surface measurements were in agreement with the sounding measurements taken at the same elevation. During the afternoon, the surface temperature was usually higher than the sounding temperature at the same elevation. The pattern is probably caused by strong surface cooling and heating. This pattern is not reflected in the fall or winter upper air data.

In the winter 1974 Upper Air study (AL-EC-118), substantial horizontal temperature gradients were postulated to account for the discrepancy between surface measurements and sounding measurements made at the same elevation, but horizontally displaced about 1 km. At that time, one horizontal sounding showed no horizontal temperature dependence. During the spring study, seven additional horizontal temperature soundings were made (in the presence of inversions). These also showed no significant horizontal temperature structure.

As a continuing effort in the investigation of the depth and extent of these horizontal temperature gradients, special flights were made through the Piceance Creek basin during the summer 1975 study. These horizontal flights were only made when a surface-based inversion was present (early morning sounding). Comparison of the vertical temperature structure over the tract with the results of the horizontal soundings indicates (even with moderate to strong inversions present) that the horizontal temperature variation is less than 2 C. Horizontal gradients of the magnitude postulated (but not measured by the aircraft) in the winter 1974 upper air study were not found in any of the horizontal flights during summer 1975.

These horizontal temperature gradients (measured by surface-based stations), are extremely limited in their vertical extent above the surface. Because the aircraft typically flew within 100 to 200 feet above the surface over the same surface measurement stations, the horizontal gradients are apparently below this level.

Table 2.2-6. Weather conditions log, RBOSP.

Date	Conditions
7/12/75	Scattered stratus. Hazy to 11,000 feet with scattered stratus and cumulus to west early in the day. Turned to increasing stratus cover by mid-day with slight precipitation in area. Ground stations reported calm winds with partial cloud cover beginning at 0800 and increasing to 85% during 1100 and 1700 hours MST.
7/13/75	Cirrus and scattered stratus. Hazy to 12,000 feet. Cumulus south-southeast and east increasing to 60-70% cover by 1100 hours MST with cloud base at 12,000 feet. Ground observations of light winds, widely scattered thundershowers and associated cloud cover in vicinity.
7/14/75	Haze to 10,000 feet with sparse cirrus clouds in early morning hours to the southwest. Cumulo nimbus formed by mid-day increasing by late afternoon with 40% cover. Ground stations reported calm to very slight wind.
7/15/75	Hazy to 12,000 feet with 60-70% cirro stratus cloud cover in early morning. Cumulo nimbus and alto cumulus with light high cirrus (30-40%) observed during mid-day accompanied by slight precipitation. Light haze and cloud cover persisted through late afternoon hours. Ground stations reported light to calm surface winds diminishing toward late afternoon.
7/16/75	Light haze and extensive cloud cover with slight precipitation observed during first sounding. Cirro stratus clouds moved in from west in advance of thunderstorms. Lower layer of cloud cover at 13,500 feet observed lowering to 12,500 at end of day. Ground stations reported showers to the south and southwest. Rain by mid-day with moderate surface winds.

Table 2.2-6. (Continued).

Date	Conditions
7/17/75	Light haze observed to 12,000 feet with fog in Piceance Creek Canyon. High and sparse cirrus clouds. Very dense fog north of Rock School. Later haze lowered to 10,000 feet with cumulus clouds. By mid-day scattered cumulo stratus base observed at 11,000 feet and scattered thunderstorms were in the area. Clear by mid-day and afternoon over sites.
7/18/75	No clouds observed but light haze extended to 13,000 feet. Early morning haze lowered to 11,000 feet. By 1100 hours MST cumulus formed 20% cover with base at 13,500 feet. In late afternoon 13,000-foot alto cumulus and 30% cover observed. Light surface winds at ground stations.
7/19/75	Light haze level lowered from 12,000 to 10,000 feet by 0800 hours MST. Sparse clouds in area to the south. Light surface winds from south and southwest occurred during mid-day.
7/20/75	Cumulus and strato cumulus cloud cover of 30% with light haze viewed early. By 0800 hours MST cover increased to 40% with light precipitation and haze level lowering to 8-9,000 feet. At mid-day sparse cirrus formed at 13,000 feet. Later cumulo nimbus clouds observed in southwest, west, and northwest quadrants at 14,000 feet. Surface winds were light and varied from southeast to northwest from early morning to mid-day and became calm in later afternoon. Thunderstorms noted in west in early morning.
7/21/75	Haze persisted to 12,000-foot level. Straticum existed toward southwest. By 0800 MST haze lowered to 10,000 feet with 30% cloud cover. Cumulus seen in southwest sector. At mid-day strato cumulus cover estimated at 40% in all sectors. During late afternoon rain and overcast condition observed throughout the area. Surface winds estimated at 10-15 mph from the northwest.

Table 2.2-6. (Continued).

Date	Conditions
7/22/75	Haze and sparse cirrus seen during first flight. Haze level lowered from 13,000 to 8,000 feet by 0800 MST. Cumulo nimbus formed by 1100 MST and were widely scattered throughout afternoon. Ground observers reported very light winds beginning from northwest, then northeast,and later southwest.
7/23/75	Haze observed to 12,000 feet. No clouds in area during first flight. Haze level lowered to 10,000 feet followed by formation of cumulus clouds by mid-day with base at 13,500 feet. Moderate turbulence and scattered cumulus were present during the afternoon. Ground observers reported slight surface winds beginning in the east and later changing to the north. Cloud cover estimated at 20%.
7/24/75	Cumulus floccus present with haze at 13,000 feet, followed by alto cumulus and cumulus during the day. Cover estimated at 40% with base at 14-15,000 feet. Surface winds were light from the west early and northwest later in the day.
7/25/75	Light haze extended to 12,000 feet with few high cirrus clouds. Essentially clear. Cumulo nimbus were seen but very sparse and scattered. Surface winds light beginning southerly in early morning and changing to northerly by early afternoon. Cover estimated at 30%.
7/26/75	Considerable haze but no clouds. Later scattered strato cumulus observed. Winds nearly calm at surface.

Table 2.2-7. Chronological history of air temperature soundings and wind soundings, upper air study, Summer 1975 for Tract C-a, RBOSP.

Date	Flight Number	Time of Pibal Release (Hours, MST)	Time of Temperature Sounding 1/ (Hours, MST)	Pibal Height (Feet)	Surface Temperature (Degrees)
7/12/75	1	0610	0527	6000	14
	2	0807	0800	5400	17
	3	1058	1106	6000	20
	4	1646	1638	6000	23
7/13/75	1	NR	0512	NR	NA
	2	0900 1/	0803	6000	20
	3	1058	1107	3900	23
	4	1654	1651	6000	22
7/14/75	1	0500	0515	6000	17.5
	2	0900 1/	0805	6000	22
	3	1039	1112	6000	22
	4	1700	1647	6000	23.5
7/15/75	1	0521	0513	6000	16
	2	0802	0808	6000	NA
	3	1100	1107	5100	22.5
	4	1700	1648	6000	18
7/16/75	1	0500	0504	6000	14
	2	0800	0805	6000	18
	3	NR	NF	NR	NA
	4	NR	NF	NR	NA
7/17/75	1	0513	0505	6000	12
	2	0800	0804	6000	17.5
	3	1100	1100	6000	19.5
	4	1700	1643	6000	18
7/18/75	1	0500	0514	6000	17
	2	0805	0808	6000	20
	3	1045	1039	6000	22
	4	1703	1632	2100	23.6
7/19/75	1	0510	0507	6000	18.6
	2	0800	0807	6000	20.9
	3	1100	NF	4500	NA
	4	NR	1719	NR	NA

NA = Data not available
NF = No flight
NR = No pibal released

1/ Time of tower fly-by

Table 2.2-7. (Continued).

Date	Flight Number	Time of Pibal Release (Hours, MST)	Time of Temperature Sounding [1] (Hours, MST)	Pibal Height (Feet)	Surface Temperature (Degrees)
7/20/75	1	0511	0512	6000	18.1
	2	0800	0805	6000	20.5
	3	1100	1102	5100	23.6
	4	1725	1706	6000	23.3
7/21/75	1	0515	0504	6000	16
	2	0855	0810	6000	20.5
	3	1055	1123	6000	24
	4	1758	1707	6000	19.5
7/22/75	1	0458	0506	6000	17
	2	0900 [1]	0757	6000	19.5
	3	1100	1113	6000	24
	4	1700	1645	6000	26
7/23/75	1	0515	0512	6000	17
	2	0800	0812	6000	19.5
	3	1165	1110	6000	23
	4	1700	1634	6000	22
7/24/75	1	0500	0512	6000	17
	2	0800	0810	6000	20
	3	1100	1106	6000	23
	4	1700	1700	6000	24
7/25/75	1	0500	0500	6000	18
	2	0800	0815	6000	20
	3	1100	1107	5700	NA
	4	NR	NF	NR	NA
7/26/75	1	0512	0510	6000	15.4
	2	0800	0807	6000	19.3
	3	1100	1105	6000	24.0
	4	NR	NF	NR	NA

NA = Data not available
NF = No flight
NR = No pibal released

[1] Time of tower fly-by

2.2.3 Miscellaneous

The meteorological parameters grouped into this category are precipitation, evaporation, solar radiation, noise, visibility, and tracer studies. All these parameters, except precipitation and evaporation, are measured only at Site 1. Evaporation measurement is made at Site 3 because of water availability. The evaporation rate and visibility are not monitored continuously, but are recorded on a routine basis.

2.2.3.1 Precipitation Measurements

2.2.3.1.1 Objectives

No change has occurred since Progress Report 2. See Section 2.2.3.1.1 in Progress Report 2 for specific methods used in the precipitation measurements.

2.2.3.1.2 Methods

No change has occurred since Progress Report 2. See Section 2.2.3.1.2 in Progress Report 2 for specific methods used in the precipitation measurements.

2.2.3.1.3 Results

The precipitation data summary for summer 1975 is presented in Table 2.2-8. The total and daily amounts of precipitation are shown for each site. Maximum total precipitation for 1 day was 0.38 inch at Site 4 on 16 July 1975.

Site 4 registered the largest total precipitation (1.04 inches) for the summer 1975 season.

2.2.3.2 Evaporation Measurements

2.2.3.2.1 Objectives

No change has occurred since Progress Report 2. See section 2.2.3.2.1 in Progress Report 2 for specific objective of the evaporation measurements.

2.2.3.2.2 Methods

No change has occurred since Progress Report 2. See section 2.2.3.2.2 in Progress Report 2 for specific methods used in the evaporation measurements.

Table 2.2-8. Precipitation data for Summer 1975, values are presented in inches of water, RBOSP.

Date	Site 1 Total	Site 2 Total	Site 3 Total	Site 4 Total
6/03/75		0.01		
6/04/75			0.01	0.01
6/07/75			0.01	0.01
6/08/75	0.03	0.01		0.08
6/09/75	0.01			0.04
6/10/75				0.01
6/18/75			0.04	0.07
6/20/75			0.03	0.11
6/21/75		0.01	0.03	0.02
6/22/75				0.05
6/26/75	0.01			
June Total	0.05	0.03	0.12	0.44
7/03/75				
7/04/75	0.01			
7/08/75		0.01		
7/09/75	0.01			0.07
7/10/75			0.02	
7/11/75	0.01			
7/12/75			0.04	
7/15/75			0.01	0.04
7/16/75		0.01		0.38
7/17/75				0.01
7/21/75				0.01
7/29/75	0.01		0.01	0.01
7/31/75				0.04
July Total	0.04	0.03	0.08	0.56
8/06/75	0.01			
8/12/75			0.01	
8/14/75			0.07	
8/16/75	0.01			
8/19/75				0.01
8/22/75			0.01	0.03
8/27/75			0.04	
August Total	0.02	0.00	0.13	0.04
Summer Total	0.11	0.06	0.33	1.04

2.2.3.2.3 Results

Data for the summer season are presented in Table 2.2-9. The data for the period 14 June to 21 June were lost because range cattle disturbed the monitoring site. The highest evaporation rate recorded was 0.034 g /cm^2/hour. This occurred during the week ending 14 June. The minimum evaporation rate was 0.011 g /cm^2/hour during the measurement period ending 19 July 1975.

2.2.3.3 Solar Radiation Measurement

2.2.3.3.1 Objectives

No change has occurred since Progress Report 2. See section 2.2.3.3.1 in Progress Report 2 for specific objectives of the solar radiation measurements.

2.2.3.3.2 Methods

No change has occurred since Progress Report 2. See section 2.2.3.3.2 in Progress Report 2 for specific methods used in the solar radiation measurements.

2.2.3.3.3 Results

The minimum, maximum, and mean composite day solar radiation measurements as a function of hour of the day for summer 1975, are graphically presented in Figure 2.2-21. This figure was compiled from the composite day summaries listed in Appendix B, Section B.2. Solar radiation data were taken at ground level at Site 1. The hourly means follow a close approximation to a sine curve. The minimum, maximum, and mean hourly solar radiation measurements are presented in Table 2.2-10.

Table 2.2-9. Evaporation data summary for Summer 1975, RBOSP.

End Date of Measurement Period	Time of Measurement Hours (MST)	Precipitation Since Last Reading (inches)	Maximum Temperature Since Last Reading (Degrees Celsius)	Minimum Temperature Since Last Reading (Degrees Celsius)	Water Required to Fill Pan (inches)	Evaporation Evaporation Rate ($g/cm^2/hr$)
June 7	0830	0.02	29.4	21.1	1.48	0.023
June 14	1100	0.00	NA[1/]	NA[1/]	2.25	0.034
June 21	-	-	-	-	-	[2/]
June 28	1215	0.03	27.8	5.6	2.08	0.032
July 5	1015	0.00	32.2	11.1	2.02	0.031
July 12	1338	0.06	34.4	17.8	0.85	0.014
July 19	0948	0.01	32.2	15.6	0.68	0.011
July 26	1730	0.00	27.2	23.3	1.80	0.026
August 2	1200	0.01	32.8	12.8	0.94	0.015
August 10	1800	0.00	26.1	7.2	2.59	0.033
August 16	1700	0.08	27.2	15.6	0.65	0.013
August 23	1800	0.01	28.9	11.7	1.69	0.026
August 30	0900	0.04	27.8	10.0	1.88	0.033

[1/] Temperature reading invalid. Thermometer not submerged entirely.

[2/] Domestic stock broached enclosure for evaporation pan. Pan relocated inside site 3 security fence.

Table 2.2-10. Solar radiation, seasonal and monthly summary for Summer 1975, values are in Langleys or cal/cm^2/min, RBOSP.

	June	July	August	Summer 1975
Minimum	0.00	0.00	0.00	0.00
Maximum	1.90	1.70	1.62	1.90
Mean	0.45	0.39	0.42	0.42

2.2.3.4 Noise Measurements

2.2.3.4.1 Objectives

No change has occurred since Progress Report 2. See section 2.2.3.4.1 in Progress Report 2 for specific objectives of the noise measurements.

2.2.3.4.2 Methods

No change has occurred since Progress Report 2. See section 2.2.3.4.2 in Progress Report 2 for specific methods used in the noise measurements.

2.2.3.4.3 Results

Noise level field measurements were in the process of being collected at the end of this quarter.

2.2.3.5 Visibility Measurements

2.2.3.5.1 Objectives

No change has occurred since Progress Report 2. See section 2.2.3.5.1 in Progress Report 2 for specific objectives of the visibility measurements.

2.2.3.5.2 Methods

No change has occurred since Progress Report 2. See section 2.2.3.5.2 in Progress Report 2 for specific methods used in the noise measurements.

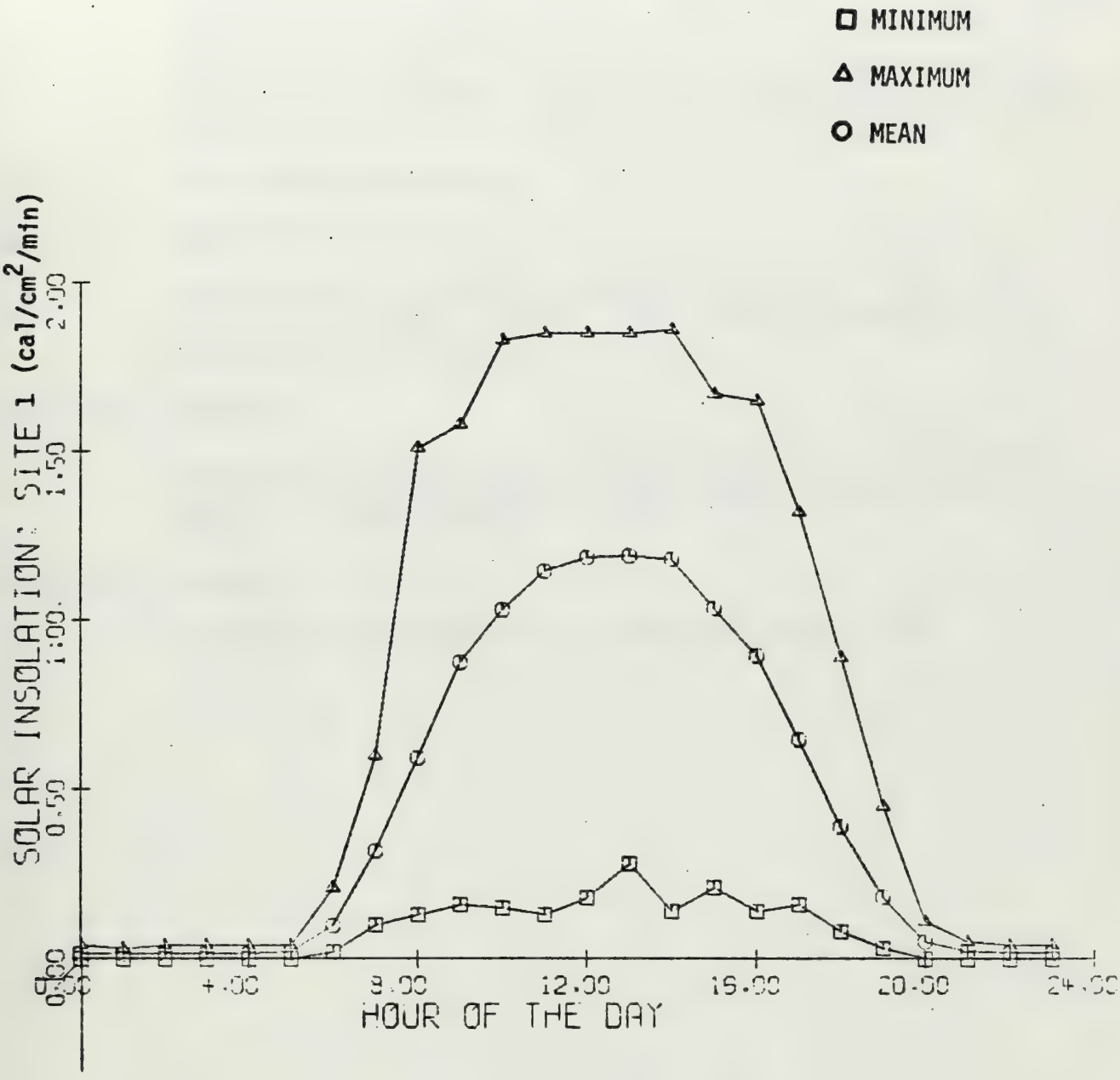


Figure 2.2-21. Solar radiation (minimum, maximum, and mean by hour of the day) for Summer 1975 at Site 1, RBOSP.

2.2.3.5.3 Results

During summer 1975, visibility ranged from 20 to 150 miles for each day that data were recorded. The 20-mile visibility occurred on 9 June 1975 when thundershowers were to the south of the site. On three other days visibility was limited to 80 miles, because of local thunderstorms. For most of the other periods of record, visibility was virtually unlimited (Tables 2.2-11 through 2.2-13).

2.2.3.6 Tracer Study Measurements

2.2.3.6.1 Objectives

No change has occurred since Progress Report 2. See section 2.2.3.6.1 in Progress Report 2 for specific objectives of the Tracer Study measurements.

2.2.3.6.2 Methods

No change has occurred since Progress Report 2. See section 2.2.3.6.2 in Progress Report 2 for specific methods used in be Tracer Study Measurements.

2.2.3.6.3 Results

Tracer study measurements are scheduled for fall 1975.

Table 2.2-11. Visibility data for June 1975, RBOSP.

Date of Observation	Time of Observation Hours (MST)	Precipitation in Prior 24 Hours	Sector Visibility N	E	S	W	Prevailing Visibility	Comments
June 3	1610	0	100	100	100	100	>100	Estimated cloud cover 80%.
June 6	1930	0	150	150	150	150	>150	Estimated cloud cover 10%.
June 9	1130	0	100	50	20	50	>50	Estimated cloud cover 70%. Thundershowers in area.
June 12	1000	0	150	150	150	150	>150	Estimated cloud cover 5%. Clear light winds 10 mph.
June 15	1000	0	100	100	100	100	>100	Estimated cloud cover 2%. Westerly wind at 10-20 mph.
June 18	1500		80	80	80	80	>80	Light rain, overcast.
June 21	0800	0	150	150	150	150	>150	Estimated cloud cover 10%. Clear with light clouds.
June 24	0745	0	150	150	150	150	>150	Estimated cloud cover 10%. Light winds at 8-10 mph. Clear with light clouds.
June 27	0900	0	150	150	150	150	>150	Light haze and southerly wind, no clouds.
June 30	1100	0	150	150	150	150	>150	Clear, no clouds. Light southwesterly winds.

Table 2.2-12. Visibility data for July 1975, RBOSP.

Date of Observation	Time of Observation Hours (MST)	Precipitation in Prior 24 Hours	Sector Visibility N	E	S	W	Prevailing Visibility	Comments
July 3	0805	0	150	150	150	150	>150	Estimated cloud cover 40%. Southeasterly winds at 10 mph.
July 6	1220	0	150	150	150	150	>150	Estimated cloud cover 3%. Northeasterly wind at 6 mph.
July 9	1630	0	30	80	80	80	>80	Estimated cloud cover 80%. Thunderstorms in area northwest to northeast.
July 12	0820	0	150	150	150	150	>150	Estimated cloud cover 80%. Light rain with very light northeasterly breeze.
July 15	1700	0	100	100	100	100	>100	Estimated cloud cover 50%. Thundershowers in vicinity.
July 18	1149	0	150	150	150	150	>150	Estimated cloud cover 5%. Light southwesterly breeze.
July 21	1620	0	150	150	150	150	>150	Estimated cloud cover 10%.
July 24	1100	0	80	80	80	80	>80	Estimated cloud cover 15%.
July 27	1320	0	150	150	150	150	>150	Estimated cloud cover 15%.
July 30	1100	0	150	150	150	150	>150	Estimated cloud cover 60%.

Table 2.2-13. Visibility data for August 1975, RBOSP.

Date of Observation	Time of Observation Hours (MST)	Precipitation in Prior 24 Hours	Sector Visibility N	E	S	W	Prevailing Visibility	Comments
August 2	1600	0	80	80	80	80	>80	Estimated cloud cover <5%. Light winds.
August 5	0945	0	80	80	80	80	>80	Clear.
August 8	1040	0	80	80	80	80	>80	Clear.
August 11	1200	0	80	10	80	80	>80	Estimated cloud cover 95%. Thunderstorms in area. Southwesterly winds at 10 mph.
August 14	1400	0	80	80	80	80	>80	Estimated cloud cover 90%. Thunderstorm activity.
August 17	1500	0.01 in.	100	100	100	100	100	Cloud cover 20%. Scattered small clouds plus light breeze.
August 20	0900	0	80	80	80	80	80	Slightly overcast and clearing.
August 23	0945	0	100	100	100	100	100	Winds from 205 degrees and 10-20 mph winds. Temperature is 20 C, 60% cloud cover.
August 26	1105	0	150	150	150	150	150	Warm, sunny day. Light winds.
August 29	1800	0	100	100	100	100	100	Sunny day with no clouds and light winds from the south.

2.2 METEOROLOGY DATA
(APPENDIX B)

APPENDIX B
2.2 METEOROLOGICAL DATA
TO
QUARTERLY PROGRESS REPORT
FOR
FEDERAL OIL SHALE TRACT C-a
SUMMER 1975

Prepared for

The Rio Blanco Oil Shale Project

By

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APPENDIX B

METEOROLOGICAL DATA
SUMMER 1975

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SECTION B.1

METEOROLOGICAL DATA LISTINGS
SUMMER 1975

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B.1.1

METEOROLOGICAL DATA LISTING FOR SITE 1
1 JUNE 1975 THROUGH 31 AUGUST 1975

WS10	Wind Speed at the 10-m level (mph)
WDR10	Wind Direction at the 10-m level (degrees)
AT10	Air Temperature at the 10-m level (degrees Celsius)
RH10	Relative Humidity at the 10-m level (percent)
SG10	Standard Deviation of the Wind Direction (wind sigma) at the 10-m level (degrees)
WS30	Wind Speed at the 30-m level (mph)
WDR30	Wind Direction at the 30-m level (degrees)
AT30	Air Temperature at the 30-m level (degrees Celsius)
WS60	Wind Speed at the 60-m level (mph)
WDR60	Wind Direction at the 60-m level (degrees)
DT60	Temperature Difference (ΔT) between 10-m and 60-m level (degrees Celsius)
PREC	Precipitation at ground level (inches of H_2O)
SI	Solar radiation at ground level (Langley)

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
0	1	6	75	9.5	272.8	9.67	40.49	4.54	11.8	279.9	10.26	12.9	289.2	-1.31	0.00	999.00
1	1	6	75	7.9	242.8	8.86	43.79	7.30	9.5	266.5	9.44	11.0	288.5	-1.45	0.00	999.00
2	1	6	75	11.0	274.9	9.49	40.51	5.31	14.4	280.8	10.07	16.0	291.0	-1.31	0.00	999.00
3	1	6	75	11.3	288.7	8.67	44.80	4.95	16.5	291.8	9.70	18.1	301.7	-1.55	0.00	999.00
4	1	6	75	10.0	278.0	8.39	47.67	6.02	14.8	286.7	9.41	16.0	299.0	-1.68	0.00	999.00
5	1	6	75	3.7	33.9	6.14	70.89	17.99	4.4	29.6	5.69	5.9	25.0	0.17	0.00	999.00
6	1	6	75	1.4	269.8	6.44	46.00	19.02	1.5	296.6	7.01	1.2	292.0	0.43	0.00	999.00
7	1	6	75	4.3	33.0	7.65	29.22	14.44	4.8	30.1	7.30	4.6	39.6	0.72	0.00	999.00
8	1	6	75	3.4	88.9	8.58	28.88	16.19	3.9	69.6	8.26	4.2	60.3	0.66	0.00	999.00
9	1	6	75	5.7	66.7	10.11	32.32	13.24	6.3	55.8	9.51	6.6	62.5	0.70	0.00	999.00
10	1	6	75	3.6	120.0	12.13	26.93	23.26	4.1	90.5	11.85	4.2	83.6	0.75	0.00	999.00
11	1	6	75	6.3	147.7	14.00	20.12	20.88	7.1	146.9	13.01	7.1	152.3	0.86	0.00	999.00
12	1	6	75	5.6	249.2	14.53	19.72	13.31	6.1	255.1	13.62	6.5	259.3	0.99	0.00	999.00
13	1	6	75	5.9	334.9	14.78	19.38	24.22	6.4	331.9	14.14	6.4	334.9	0.72	0.00	999.00
14	1	6	75	5.5	347.5	16.14	18.65	28.60	5.7	338.7	15.01	5.9	347.3	1.01	0.00	999.00
15	1	6	75	6.3	328.1	16.82	16.94	24.32	7.0	324.0	16.00	7.1	323.7	1.04	0.00	999.00
16	1	6	75	8.2	28.2	16.97	16.70	15.63	8.8	21.7	16.13	9.1	15.0	1.00	0.00	999.00
17	1	6	75	6.6	249.6	17.10	17.30	16.66	7.3	248.6	16.34	7.4	252.1	0.88	0.00	999.00
18	1	6	75	5.5	273.4	16.87	16.55	11.47	6.0	267.2	16.42	6.6	269.3	0.76	0.00	999.00
19	1	6	75	1.5	244.5	16.35	16.33	7.65	1.5	258.5	16.39	1.5	239.1	0.49	0.00	999.00
20	1	6	75	6.8	250.3	15.58	20.47	2.80	6.5	247.9	15.41	6.4	251.6	-0.01	0.00	999.00
21	1	6	75	4.1	255.4	15.56	20.85	4.36	4.0	220.7	15.22	3.6	221.0	0.00	0.00	999.00
22	1	6	75	2.8	213.1	14.56	22.26	10.19	3.1	204.7	14.01	3.3	178.8	-0.28	0.00	999.00
23	1	6	75	4.4	227.0	14.93	21.96	5.34	4.3	206.8	14.43	4.7	192.4	-0.07	0.00	999.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
++	++	++	++													
0	2	6	75	9.3	265.0	13.04	24.81	3.36	11.4	259.7	13.24	13.4	244.5	-1.01	0.00	999.00
1	2	6	75	9.3	262.4	13.63	24.11	3.01	11.1	258.1	13.97	12.4	249.2	-0.77	0.00	999.00
2	2	6	75	8.3	259.4	13.39	24.12	3.61	9.9	254.8	13.57	10.8	244.7	-0.46	0.00	999.00
3	2	6	75	8.9	255.2	13.88	23.56	2.53	9.6	253.1	14.32	10.4	254.4	-0.80	0.00	999.00
4	2	6	75	9.0	253.4	13.64	23.73	2.51	9.1	256.5	14.17	9.9	264.0	-0.81	0.00	999.00
5	2	6	75	11.8	245.5	13.18	23.83	3.61	12.7	243.7	14.21	13.3	249.7	-1.24	0.00	999.00
6	2	6	75	9.3	247.7	13.45	22.88	5.26	11.3	247.1	13.83	12.4	245.7	-0.34	0.00	999.00
7	2	6	75	3.9	239.1	15.90	19.07	17.08	4.6	231.7	15.40	4.7	231.7	0.66	0.00	999.00
8	2	6	75	4.4	104.6	15.92	18.60	10.93	4.4	96.0	15.52	4.0	106.2	0.65	0.00	999.00
9	2	6	75	7.5	268.5	17.55	19.44	12.67	8.1	270.6	16.77	8.1	266.1	0.85	0.00	999.00
10	2	6	75	9.9	264.4	18.73	18.79	12.20	11.8	262.1	17.63	13.0	263.1	1.06	0.00	999.00
11	2	6	75	12.5	267.5	18.55	19.40	9.14	14.3	270.2	17.53	14.7	273.1	0.93	0.00	999.00
12	2	6	75	8.9	282.8	19.86	17.81	13.24	10.1	279.3	18.57	10.7	281.4	1.17	0.00	999.00
13	2	6	75	11.2	192.5	20.42	16.49	13.60	13.8	190.9	19.17	13.8	201.4	1.10	0.00	999.00
14	2	6	75	8.6	277.6	20.02	17.23	15.62	9.4	273.6	18.89	11.2	271.9	1.02	0.00	999.00
15	2	6	75	8.6	237.1	21.00	16.08	19.59	9.9	221.6	19.85	11.0	223.3	1.05	0.00	999.00
16	2	6	75	14.1	285.8	17.74	20.01	7.75	16.4	281.9	17.40	17.8	285.7	0.27	0.00	999.00
17	2	6	75	10.3	320.0	18.41	19.02	9.83	11.7	317.9	17.80	12.3	318.4	0.63	0.00	999.00
18	2	6	75	3.2	298.7	17.86	19.84	8.56	3.6	307.5	17.47	4.0	308.0	0.25	0.00	999.00
19	2	6	75	5.1	315.1	13.79	31.83	10.94	4.6	348.2	13.82	4.3	36.3	-0.45	0.00	999.00
20	2	6	75	5.1	291.1	14.42	30.10	5.65	5.1	304.5	14.31	3.7	320.9	-0.25	0.00	999.00
21	2	6	75	4.7	206.1	13.28	33.85	8.79	5.8	196.4	13.06	6.9	186.4	-0.11	0.00	999.00
22	2	6	75	3.4	251.3	13.72	32.25	5.80	3.4	228.8	13.27	3.5	196.2	-0.06	0.00	999.00
23	2	6	75	6.1	359.9	13.13	31.04	15.90	6.4	344.7	15.44	6.1	354.3	-0.62	0.00	999.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
++	++	++	++													
0	3	6	75	1.5	323.3	12.79	33.58	17.95	2.3	5C.7	11.94	2.8	48.9	-0.24	0.00	999.00
1	3	6	75	4.9	308.8	10.98	38.89	7.39	5.0	326.7	10.92	5.3	344.2	-0.30	0.00	999.00
2	3	6	75	3.9	208.2	11.19	42.70	6.40	3.3	1c3.4	10.56	3.1	1o3.0	-0.11	0.00	999.00
3	3	6	75	1.9	174.4	11.35	39.54	11.92	2.5	179.1	10.93	3.0	167.1	-0.42	0.00	999.00
4	3	6	75	2.7	303.9	11.24	40.50	5.07	2.1	C.9	10.27	2.7	46.8	-0.46	0.00	999.00
5	3	6	75	2.2	200.3	11.11	41.97	6.29	1.2	2C.2	9.74	1.9	79.7	-0.27	0.00	999.00
6	3	6	75	3.2	207.8	11.33	30.63	10.46	4.1	2C2.3	11.19	4.6	189.9	-0.44	0.00	999.00
7	3	6	75	5.9	202.3	15.08	18.27	17.61	7.6	214.6	14.72	9.8	220.9	0.49	0.00	999.00
8	3	6	75	9.2	205.3	16.47	19.30	16.39	12.8	197.1	15.81	14.9	211.5	0.66	0.00	999.00
9	3	6	75	11.3	204.8	18.16	18.59	16.40	13.5	2C7.9	17.20	17.8	217.2	1.00	0.00	999.00
10	3	6	75	11.3	257.2	17.83	18.91	11.94	12.1	251.5	16.95	12.7	252.4	0.84	0.00	999.00
11	3	6	75	16.3	220.4	19.25	18.08	16.06	20.6	213.7	17.99	24.3	226.5	1.00	0.00	999.00
12	3	6	75	16.5	210.1	20.07	17.18	16.30	21.9	2C2.1	18.61	24.3	210.7	0.92	0.00	999.00
13	3	6	75	19.5	204.5	20.08	16.90	14.61	24.3	2CC.9	18.63	28.4	209.8	0.62	0.00	999.00
14	3	6	75	11.9	221.6	19.68	17.29	17.73	15.5	217.1	18.86	20.2	222.1	0.80	0.00	999.00
15	3	6	75	14.5	207.9	19.52	17.15	15.72	18.8	2C8.9	18.75	23.2	214.9	0.66	0.00	999.00
16	3	6	75	20.2	290.1	17.74	18.70	9.34	23.5	288.5	17.00	25.3	290.8	0.45	0.00	999.00
17	3	6	75	21.8	302.3	14.96	21.17	8.44	25.6	3CC.2	14.19	27.8	301.4	0.65	0.00	999.00
18	3	6	75	15.2	33.6	12.56	27.87	8.60	17.0	29.5	11.97	17.2	31.9	0.61	0.00	999.00
19	3	6	75	10.3	57.7	10.09	42.49	7.72	11.3	5C.5	9.58	11.5	57.7	0.54	0.00	999.00
20	3	6	75	5.5	40.5	8.77	59.37	6.15	6.0	35.2	8.31	6.6	36.4	0.43	0.00	999.00
21	3	6	75	3.4	195.6	7.38	77.72	8.66	3.5	198.4	6.80	3.2	229.9	0.25	0.00	999.00
22	3	6	75	9.5	313.9	6.53	81.95	7.31	11.2	311.6	6.22	12.6	316.8	0.27	0.00	999.00
23	3	6	75	3.2	155.6	6.26	84.34	13.61	3.7	153.8	5.77	4.4	154.8	0.42	0.00	999.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
++	++	++	++													
0	4	6	75	3.4	204.3	6.86	85.64	8.48	4.0	206.3	5.99	4.8	212.6	0.76	0.00	999.00
1	4	6	75	3.2	344.2	6.02	86.35	20.13	3.3	340.0	5.61	3.0	357.3	0.28	0.00	999.00
2	4	6	75	2.0	52.1	6.00	86.69	9.35	2.1	39.4	5.52	2.9	55.0	0.47	0.00	999.00
3	4	6	75	6.2	231.4	5.60	86.72	4.27	6.2	226.9	5.20	6.0	225.2	0.14	0.00	999.00
4	4	6	75	7.2	282.4	5.79	80.27	5.32	9.8	291.8	6.23	9.9	312.3	-1.36	0.00	999.00
5	4	6	75	2.8	325.5	5.90	80.91	9.86	4.8	334.9	5.98	6.9	337.9	-0.64	0.00	999.00
6	4	6	75	6.3	328.9	6.51	69.52	5.93	7.9	331.8	6.42	9.6	344.6	-0.09	0.00	999.00
7	4	6	75	6.1	331.3	7.09	63.58	9.88	7.3	326.9	6.66	8.0	330.1	0.42	0.00	999.00
8	4	6	75	8.4	353.0	8.77	46.65	28.12	9.0	350.1	7.86	9.0	357.2	0.98	0.00	1.51
9	4	6	75	5.3	68.3	9.60	41.04	13.97	5.2	61.7	9.02	5.1	62.2	0.79	0.00	1.58
10	4	6	75	3.6	99.0	9.71	55.82	13.98	3.7	84.7	9.34	4.3	99.3	0.67	0.00	0.82
11	4	6	75	3.8	293.9	11.61	26.46	25.55	4.1	282.9	11.37	4.0	275.6	0.80	0.00	1.05
12	4	6	75	4.0	176.5	12.97	23.91	24.01	3.9	298.0	12.45	3.9	200.8	0.89	0.00	1.10
13	4	6	75	6.1	271.9	13.91	20.13	24.26	6.4	266.1	12.91	7.5	268.0	1.14	0.00	1.17
14	4	6	75	9.4	285.2	14.61	20.50	15.52	10.3	281.6	13.31	10.5	283.5	1.20	0.00	1.22
15	4	6	75	9.9	287.3	15.03	19.48	9.51	10.9	282.0	13.83	11.6	282.8	1.14	0.00	1.67
16	4	6	75	11.8	272.8	15.36	18.98	10.46	12.6	270.7	14.36	13.3	269.0	0.93	0.00	1.59
17	4	6	75	11.4	300.4	14.51	20.72	7.66	12.6	297.6	13.81	13.2	301.4	0.70	0.00	0.89
18	4	6	75	7.4	288.2	15.09	19.57	8.92	8.6	288.5	14.50	8.7	295.1	0.83	0.00	0.73
19	4	6	75	3.7	299.3	14.32	19.83	6.95	4.2	311.4	14.43	5.1	323.0	0.31	0.00	0.37
20	4	6	75	3.3	252.3	13.96	24.68	3.14	2.6	259.8	12.60	2.4	258.9	0.34	0.00	0.08
21	4	6	75	4.4	289.9	13.05	26.91	3.69	4.1	296.9	12.73	2.2	299.6	-0.24	0.00	0.02
22	4	6	75	1.4	278.7	12.77	29.25	8.34	1.0	290.1	10.88	0.8	161.8	-0.15	0.00	0.01
23	4	6	75	3.4	228.3	12.45	32.48	6.80	2.2	222.8	10.94	2.6	196.8	-0.31	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
++	++	++	++													
0	5	6	75	2.4	341.1	9.89	40.43	26.18	4.3	10.5	9.67	7.9	27.6	-0.54	0.00	0.00
1	5	6	75	1.1	281.1	9.88	49.47	14.94	1.1	350.2	8.08	2.6	70.4	0.06	0.00	0.00
2	5	6	75	3.3	203.0	9.52	50.52	6.74	3.8	185.2	8.84	3.4	155.3	-0.25	0.00	0.00
3	5	6	75	2.9	204.4	9.55	49.20	8.62	3.7	190.6	9.22	4.0	169.8	-0.16	0.00	0.00
4	5	6	75	1.5	253.4	9.64	50.07	10.05	0.9	221.2	7.83	1.5	116.6	-0.03	0.00	0.00
5	5	6	75	2.8	191.5	9.52	49.73	6.92	3.1	171.7	8.90	3.5	141.7	-0.02	0.00	0.01
6	5	6	75	2.5	195.7	10.08	25.97	8.55	2.7	186.5	9.81	3.0	170.4	0.39	0.00	0.21
7	5	6	75	3.6	115.9	11.09	18.63	12.68	3.9	101.3	10.82	4.2	100.4	0.68	0.00	0.60
8	5	6	75	4.0	90.4	12.13	20.18	14.50	4.2	79.4	11.62	4.7	79.1	0.76	0.00	1.05
9	5	6	75	4.1	42.8	13.32	22.77	19.19	4.0	38.0	12.84	4.3	58.6	0.76	0.00	1.47
10	5	6	75	3.9	42.3	14.79	21.82	21.19	3.8	28.2	14.22	3.7	48.4	0.89	0.00	1.83
11	5	6	75	3.4	42.5	16.75	20.88	27.94	3.1	353.7	16.22	3.5	22.5	0.84	0.00	1.85
12	5	6	75	7.2	283.6	18.44	18.68	19.26	8.0	286.2	17.14	8.6	289.0	1.13	0.00	1.85
13	5	6	75	7.7	259.8	19.15	17.46	18.03	8.4	258.0	16.03	9.5	261.1	1.09	0.00	1.85
14	5	6	75	8.4	264.3	19.72	16.67	15.56	9.2	262.5	18.56	9.5	264.5	1.08	0.00	1.86
15	5	6	75	5.6	274.0	20.44	15.87	21.90	6.6	269.8	19.43	7.5	260.7	1.06	0.00	1.90
16	5	6	75	5.9	246.6	20.64	14.13	19.89	6.0	238.4	19.96	6.1	243.1	0.94	0.00	1.65
17	5	6	75	7.1	254.0	20.61	16.05	11.29	7.9	252.7	19.77	8.2	258.7	0.91	0.00	1.32
18	5	6	75	8.2	272.0	20.41	16.68	11.65	8.9	266.6	19.81	8.7	268.5	0.74	0.00	0.89
19	5	6	75	2.8	224.9	19.16	16.32	11.95	3.8	239.9	18.92	5.5	240.4	0.33	0.00	0.41
20	5	6	75	1.9	130.2	16.94	21.91	14.56	1.7	50.6	15.39	2.2	106.4	-0.24	0.00	0.10
21	5	6	75	2.9	189.9	16.48	23.54	10.14	3.8	188.7	16.16	4.3	171.1	-0.86	0.00	0.03
22	5	6	75	4.8	219.1	17.02	22.05	7.77	4.6	199.9	16.68	4.6	184.8	-0.33	0.00	0.02
23	5	6	75	3.7	235.7	17.17	21.46	6.22	3.2	223.5	16.63	3.4	218.9	-0.28	0.00	0.02

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
++	++	++	++													
0	6	6	75	10.6	252.1	17.57	19.59	2.98	10.2	251.4	18.07	10.5	259.4	-0.73	0.00	0.02
1	6	6	75	10.4	256.7	17.20	19.53	4.24	11.7	263.5	17.86	12.7	274.3	-1.00	0.00	0.02
2	6	6	75	7.8	264.5	15.19	20.53	5.44	11.2	268.0	16.22	13.4	279.2	-1.69	0.00	0.02
3	6	6	75	7.1	282.6	14.05	21.92	5.88	7.1	304.4	14.58	8.2	325.8	-1.71	0.00	0.02
4	6	6	75	5.1	303.3	13.62	22.93	15.58	5.3	347.5	14.05	6.0	7.8	-1.10	0.00	0.02
5	6	6	75	3.7	309.2	13.55	23.35	16.62	5.9	347.3	13.88	8.5	2.9	-1.12	0.00	0.03
6	6	6	75	3.7	206.0	13.53	23.54	10.87	4.7	196.6	13.87	4.6	189.2	-0.85	0.00	0.07
7	6	6	75	2.0	168.3	15.38	18.82	10.20	2.6	166.3	15.08	3.3	157.8	0.34	0.00	0.39
8	6	6	75	4.2	150.9	16.73	17.02	14.30	4.4	148.6	16.21	4.6	157.6	0.69	0.00	1.03
9	6	6	75	4.6	81.9	17.65	18.73	13.81	5.1	77.9	16.99	5.7	87.1	0.86	0.00	1.34
10	6	6	75	3.9	72.2	999.00	999.00	12.72	4.9	72.4	19.64	4.1	79.4	999.00	0.00	999.00
11	6	6	75	4.2	82.4	18.87	999.00	13.57	3.8	61.2	19.52	5.2	54.0	1.00	0.00	999.00
12	6	6	75	10.9	262.6	19.51	999.00	16.04	13.0	262.1	19.91	12.3	255.1	0.78	0.00	999.00
13	6	6	75	9.8	254.2	20.29	999.00	12.72	12.7	252.7	20.18	13.0	254.5	1.13	0.00	999.00
14	6	6	75	9.2	306.1	20.88	999.00	10.06	12.0	298.6	20.37	10.6	280.7	1.21	0.00	999.00
15	6	6	75	10.3	262.9	20.94	999.00	11.28	11.8	270.9	20.52	14.4	999.0	1.00	0.00	999.00
16	6	6	75	8.9	268.6	21.06	999.00	11.91	10.1	259.7	20.76	9.1	999.0	1.01	0.00	999.00
17	6	6	75	9.2	259.8	21.17	999.00	10.65	11.7	273.8	20.64	13.1	999.0	0.96	0.00	999.00
18	6	6	75	8.8	281.2	21.25	999.00	11.84	10.7	257.3	20.72	12.7	999.0	0.81	0.00	999.00
19	6	6	75	5.9	285.4	20.82	999.00	7.96	8.3	288.8	20.51	9.7	324.6	0.57	0.00	999.00
20	6	6	75	6.0	291.2	19.32	19.05	4.74	5.6	310.3	19.35	6.5	324.2	-0.72	0.00	0.11
21	6	6	75	3.2	285.5	17.30	19.15	3.98	2.5	294.2	19.07	1.8	296.3	-2.66	0.00	0.05
22	6	6	75	4.9	219.4	19.17	18.97	6.01	4.8	194.4	18.94	4.5	184.3	-0.48	0.00	0.02
23	6	6	75	6.2	230.9	18.92	18.69	5.86	6.2	210.7	18.86	6.3	191.5	-0.30	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
++	++	++	++													
0	7	6	75	6.4	227.5	18.15	18.90	7.52	7.4	219.6	18.64	8.6	210.2	-1.34	0.00	0.01
1	7	6	75	12.6	232.8	18.01	19.04	10.23	15.9	229.8	18.15	19.5	239.4	-0.45	0.00	0.01
2	7	6	75	17.8	319.0	16.88	20.75	14.67	20.7	315.1	16.97	22.4	315.8	-0.17	0.00	0.00
3	7	6	75	10.0	280.2	16.24	20.93	6.32	14.3	288.0	16.98	16.8	301.2	-1.61	0.00	0.01
4	7	6	75	8.7	251.6	18.17	19.54	2.45	8.1	251.8	18.11	8.0	255.9	-0.15	0.00	0.01
5	7	6	75	8.0	303.8	14.95	21.37	12.83	9.4	298.9	15.24	9.7	298.2	-0.91	0.00	0.01
6	7	6	75	2.9	217.2	15.15	20.35	7.03	3.3	246.3	15.54	3.1	268.2	-0.86	0.00	0.16
7	7	6	75	8.6	264.1	15.88	21.22	6.30	11.9	265.0	16.00	13.3	275.0	-0.54	0.00	0.22
8	7	6	75	9.8	270.5	16.50	20.50	8.68	11.0	263.9	15.71	11.5	267.2	0.75	0.00	0.83
9	7	6	75	10.2	287.0	16.56	21.42	9.97	11.5	285.8	15.57	12.0	290.5	0.89	0.00	1.05
10	7	6	75	8.9	296.4	16.66	21.01	9.87	10.5	293.6	15.74	10.8	296.4	0.97	0.00	1.23
11	7	6	75	9.8	344.4	17.33	21.83	26.48	11.1	334.4	16.15	11.1	336.0	1.08	0.00	1.16
12	7	6	75	13.6	313.8	13.91	27.41	8.88	15.9	311.0	15.25	16.8	313.9	999.00	0.00	0.50
13	7	6	75	9.9	298.9	15.98	30.55	10.57	11.1	300.7	15.16	12.0	303.2	0.57	0.00	0.52
14	7	6	75	19.0	298.9	17.16	22.87	9.10	21.8	295.0	16.00	23.0	299.2	0.86	0.00	0.79
15	7	6	75	9.6	261.5	16.35	22.77	10.86	11.0	260.4	15.85	12.7	268.6	0.48	0.00	0.54
16	7	6	75	10.0	331.1	17.11	21.73	20.36	10.9	323.6	16.33	11.6	330.0	0.77	0.00	0.87
17	7	6	75	13.0	36.8	12.95	34.70	12.54	14.8	32.2	12.40	15.3	39.3	0.59	0.00	0.26
18	7	6	75	7.2	59.5	8.80	80.01	7.57	8.6	53.1	8.00	10.7	59.4	0.51	0.00	0.08
19	7	6	75	9.0	349.5	6.03	85.25	29.28	11.1	345.9	7.17	11.9	354.2	999.00	0.00	0.03
20	7	6	75	4.4	125.6	7.55	86.00	7.77	5.1	114.6	6.99	4.9	117.2	0.37	0.00	0.02
21	7	6	75	1.1	108.8	7.65	85.42	7.86	0.8	99.4	6.99	1.1	100.8	0.50	0.00	0.01
22	7	6	75	5.0	203.3	7.81	84.81	9.43	6.2	200.7	7.35	7.8	207.9	0.40	0.00	0.01
23	7	6	75	5.6	259.0	8.41	85.12	14.10	7.8	257.0	8.11	10.7	271.9	0.03	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
++	++	++	++													
0	8	6	75	12.4	291.9	3.21	82.31	7.86	15.1	283.6	7.89	16.3	289.5	0.27	0.00	0.01
1	8	6	75	4.0	245.8	8.16	81.82	9.15	4.6	251.9	7.77	5.7	276.3	0.25	0.00	0.01
2	8	6	75	1.7	0.6	8.20	81.95	25.35	3.0	355.6	7.80	3.8	358.9	0.20	0.00	0.01
3	8	6	75	2.9	261.8	8.11	83.01	5.34	3.2	264.6	7.40	3.8	281.5	0.27	0.00	0.01
4	8	6	75	5.0	252.6	7.79	83.47	5.97	5.7	249.2	7.41	6.4	264.1	0.28	0.00	0.01
5	8	6	75	9.8	220.9	7.51	83.39	10.51	11.2	222.7	7.10	14.3	243.5	0.34	0.00	0.01
6	8	6	75	5.3	291.2	7.72	79.51	9.76	6.6	290.0	7.48	7.6	302.9	0.14	0.00	0.09
7	8	6	75	4.2	36.5	8.22	76.30	8.27	4.7	22.9	7.72	4.4	39.3	0.52	0.00	0.35
8	8	6	75	5.0	171.4	9.71	56.57	10.93	4.7	181.0	9.26	5.0	208.1	0.60	0.00	0.88
9	8	6	75	4.9	258.3	11.96	37.40	19.50	5.4	251.3	11.88	5.4	243.5	0.76	0.00	1.40
10	8	6	75	10.6	258.7	12.13	40.17	8.81	11.5	255.5	11.25	11.3	258.5	0.85	0.00	1.50
11	8	6	75	9.6	280.9	11.67	49.17	9.47	11.1	277.4	10.96	11.7	279.6	0.74	0.00	1.03
12	8	6	75	10.9	261.2	11.41	53.16	8.64	11.8	255.8	10.75	13.3	261.3	0.66	0.00	0.74
13	8	6	75	7.9	231.1	13.97	47.33	15.91	9.0	229.3	11.51	9.7	240.1	1.26	0.00	1.06
14	8	6	75	9.8	274.6	7.92	48.88	10.05	12.3	275.1	11.25	14.9	285.5	999.00	0.00	999.00
15	8	6	75	13.2	316.2	10.96	48.50	8.45	14.7	309.8	10.40	16.7	311.8	0.46	999.00	0.45
16	8	6	75	6.0	256.9	12.17	31.42	16.70	7.0	239.4	11.56	9.0	235.8	0.65	0.00	0.60
17	8	6	75	6.1	251.4	12.33	27.59	17.36	7.1	245.8	11.72	9.1	242.9	0.65	0.00	0.64
18	8	6	75	11.2	63.6	10.38	35.89	8.55	11.2	59.3	9.78	12.1	66.1	0.67	0.01	0.65
19	8	6	75	8.2	41.5	7.82	75.80	13.35	1.0	35.8	6.93	11.0	43.4	0.56	0.00	0.45
20	8	6	75	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	0.00	999.00
21	8	6	75	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	0.02	999.00
22	8	6	75	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	0.00	999.00
23	8	6	75	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	0.00	999.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
0	9	6	75	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	0.00	999.00
1	9	6	75	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	0.00	999.00
2	9	6	75	2.3	357.0	4.65	72.29	30.97	3.8	21.7	3.98	6.0	36.4	-0.14	0.00	0.01
3	9	6	75	3.0	300.5	4.33	72.14	13.14	2.9	332.5	3.55	5.0	28.2	-0.41	0.00	0.01
4	9	6	75	3.9	292.5	4.46	69.11	6.73	2.3	330.2	3.53	3.4	51.3	-0.28	0.00	0.01
5	9	6	75	2.7	310.0	4.37	63.57	9.94	2.6	347.2	3.41	4.2	46.1	-0.18	0.00	0.02
6	9	6	75	1.3	233.1	2.72	71.06	9.90	0.9	301.1	2.02	1.4	315.2	0.20	0.00	0.14
7	9	6	75	2.0	37.4	4.25	40.03	18.42	1.9	21.6	4.17	2.4	35.0	0.62	0.00	0.49
8	9	6	75	6.9	54.1	4.71	42.88	9.44	6.8	48.6	3.88	7.0	58.2	0.82	0.00	999.00
9	9	6	75	5.4	65.4	5.80	46.08	13.48	6.1	56.1	4.88	6.8	61.5	0.79	0.00	999.00
10	9	6	75	8.1	68.0	7.08	35.33	11.46	9.0	57.1	5.93	9.2	64.1	0.86	999.00	1.30
11	9	6	75	10.2	57.6	7.32	999.00	11.91	999.0	999.0	5.71	999.0	999.0	0.82	0.00	999.00
12	9	6	75	9.5	38.7	8.23	27.20	12.79	10.5	33.8	7.17	10.2	39.9	0.88	0.01	1.26
13	9	6	75	9.6	36.0	9.09	24.80	18.68	10.5	32.5	7.90	11.2	34.7	0.99	0.00	1.32
14	9	6	75	10.6	47.2	9.36	22.70	9.45	11.6	40.4	8.28	12.0	45.5	0.90	0.00	1.00
15	9	6	75	10.0	31.1	8.74	26.15	16.71	11.9	23.0	7.96	13.0	25.7	0.46	0.00	0.35
16	9	6	75	13.3	337.2	7.19	43.10	21.10	15.1	331.7	6.31	16.1	337.2	0.66	0.00	0.33
17	9	6	75	11.3	207.5	3.72	62.73	13.51	13.9	215.2	2.99	19.1	225.9	0.44	0.00	0.16
18	9	6	75	6.7	225.8	5.24	69.85	10.52	7.9	233.9	4.66	8.4	252.7	-0.18	0.00	0.13
19	9	6	75	6.4	275.0	5.64	54.91	8.69	7.9	276.0	5.03	8.8	289.4	0.34	0.00	0.13
20	9	6	75	3.7	111.2	5.14	56.94	6.03	4.7	101.0	4.54	5.2	112.5	0.16	0.00	0.06
21	9	6	75	3.5	244.5	4.68	73.63	7.07	3.7	225.6	3.97	3.8	207.3	0.19	0.00	0.03
22	9	6	75	7.0	240.8	4.71	65.91	4.02	6.9	231.1	4.29	6.7	224.3	0.02	0.00	0.03
23	9	6	75	6.9	294.4	4.76	67.42	3.56	7.4	301.4	4.41	7.1	311.8	-0.14	0.00	0.03

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
++	++	++	++													
0	10	6	75	10.0	302.4	4.50	71.35	7.36	12.2	300.7	3.91	13.8	305.2	0.26	0.00	0.03
1	10	6	75	6.6	281.6	3.92	75.44	6.87	7.9	286.4	3.33	9.1	297.3	0.23	0.00	0.03
2	10	6	75	5.6	323.2	3.59	76.04	7.33	7.9	328.2	3.29	10.0	343.6	-0.33	0.00	0.03
3	10	6	75	8.8	311.7	3.45	76.79	8.47	11.3	312.8	2.87	13.4	320.5	0.20	0.00	0.03
4	10	6	75	3.2	50.6	2.75	77.19	22.82	4.1	12.9	1.95	4.7	337.6	0.39	0.00	0.03
5	10	6	75	8.3	321.0	2.02	79.03	6.89	10.1	324.0	1.55	11.5	334.5	0.06	0.00	0.04
6	10	6	75	5.4	337.2	2.55	77.27	17.57	7.1	337.2	1.77	8.0	342.9	0.56	0.00	0.11
7	10	6	75	6.4	20.2	3.37	70.59	17.94	7.0	15.4	2.55	7.4	20.3	0.64	0.00	0.22
8	10	6	75	9.7	31.5	4.31	61.37	11.86	11.0	25.3	3.40	11.6	29.9	0.75	0.00	0.31
9	10	6	75	12.9	27.3	4.48	60.15	14.75	14.1	20.5	3.46	14.5	25.0	0.82	0.00	0.49
10	10	6	75	13.4	24.9	4.73	57.49	15.59	14.7	20.7	3.80	15.2	22.6	0.74	0.00	0.44
11	10	6	75	15.7	27.0	5.50	51.38	10.38	17.8	21.4	4.52	18.1	26.8	0.73	0.00	0.50
12	10	6	75	15.2	11.3	6.34	49.38	24.33	17.3	3.5	5.23	17.7	12.2	0.90	0.00	0.59
13	10	6	75	15.7	11.4	7.39	41.28	19.97	16.7	5.8	6.25	16.8	7.9	0.89	0.00	0.39
14	10	6	75	13.4	50.4	6.18	54.75	15.27	14.5	46.0	5.23	17.2	52.7	0.79	0.00	0.53
15	10	6	75	4.1	118.3	5.19	66.75	16.17	4.5	98.0	4.37	4.8	102.1	0.77	0.00	0.59
16	10	6	75	9.0	67.5	7.34	52.03	10.09	9.8	63.6	6.40	10.2	66.9	0.91	0.00	0.90
17	10	6	75	12.6	74.6	7.92	33.64	9.21	14.8	71.2	6.63	16.6	77.0	0.91	0.00	0.73
18	10	6	75	6.3	70.6	7.73	33.37	9.59	7.7	64.5	6.92	8.5	66.5	0.63	0.00	0.36
19	10	6	75	10.7	42.2	8.02	31.11	6.98	12.3	39.8	7.33	13.3	43.8	0.51	0.00	0.26
20	10	6	75	3.6	333.0	6.49	45.58	18.88	5.0	7.2	6.26	6.8	27.9	-0.39	0.00	0.08
21	10	6	75	2.9	289.5	5.78	55.42	9.81	3.0	323.0	4.62	5.0	12.4	-0.73	0.00	0.04
22	10	6	75	5.7	301.1	5.38	55.04	6.93	6.4	324.3	5.38	6.9	2.0	-1.21	0.00	0.03
23	10	6	75	8.1	286.0	5.77	51.52	4.55	7.5	303.0	5.56	6.7	325.8	-0.45	0.00	0.03

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
++	++	++	++													
0	11	6	75	6.7	296.4	5.04	999.00	4.52	8.0	320.2	5.59	8.9	331.8	1.12	0.00	999.00
1	11	6	75	7.3	288.7	4.99	999.00	6.17	13.8	291.0	5.06	12.9	324.2	1.31	0.00	999.00
2	11	6	75	8.6	277.2	4.27	999.00	4.66	9.8	304.4	5.42	11.3	316.1	1.25	0.00	999.00
3	11	6	75	9.5	279.6	5.14	999.00	5.84	5.0	288.7	4.27	8.4	327.4	0.08	0.00	999.00
4	11	6	75	6.9	281.5	4.96	999.00	7.29	3.0	230.5	4.56	3.5	306.6	0.30	0.00	999.00
5	11	6	75	3.2	248.1	5.28	999.00	5.53	3.0	208.6	4.59	2.7	216.9	0.01	0.00	999.00
6	11	6	75	5.2	216.9	6.15	999.00	10.05	3.6	187.8	4.63	4.0	215.7	0.48	0.00	999.00
7	11	6	75	2.4	147.2	7.29	999.00	12.71	5.7	116.3	4.72	3.7	144.9	0.80	0.00	999.00
8	11	6	75	4.0	154.1	8.77	999.00	11.93	4.1	144.7	6.27	7.5	97.4	0.83	0.00	999.00
9	11	6	75	5.5	223.6	9.21	999.00	59.26	7.2	234.4	8.03	8.0	248.8	0.89	0.00	999.00
10	11	6	75	5.3	272.1	10.10	22.18	20.22	6.4	270.3	9.02	6.6	267.9	0.94	0.00	1.25
11	11	6	75	4.4	21.2	10.96	20.77	23.28	4.5	339.2	9.96	4.7	147.4	0.89	0.00	1.44
12	11	6	75	7.3	275.4	11.79	19.77	20.92	8.2	278.5	10.44	9.1	273.0	1.09	0.00	1.53
13	11	6	75	6.8	227.4	12.70	19.43	19.57	6.9	228.1	11.48	8.5	231.3	0.98	0.00	1.55
14	11	6	75	10.0	276.4	13.83	19.40	12.10	11.1	264.1	12.38	11.7	258.8	0.98	0.00	1.47
15	11	6	75	11.8	281.8	14.70	18.09	12.73	12.8	278.5	13.29	13.5	279.0	1.05	0.00	1.34
16	11	6	75	13.1	270.3	15.32	18.04	12.56	14.5	264.0	14.03	16.0	267.1	0.97	0.00	1.12
17	11	6	75	10.1	259.0	15.64	17.95	10.15	11.5	254.6	14.52	12.5	256.7	0.95	0.00	0.86
18	11	6	75	7.6	231.8	15.34	18.16	14.23	8.6	231.5	14.52	10.1	231.8	0.69	0.00	0.56
19	11	6	75	4.0	227.5	14.40	18.30	14.31	5.6	230.3	13.90	8.2	235.5	0.29	0.00	0.28
20	11	6	75	8.4	261.4	12.17	25.19	4.99	10.1	255.7	11.87	11.1	249.6	-0.10	0.00	0.08
21	11	6	75	10.2	244.7	11.78	24.44	6.15	13.5	240.9	11.56	15.1	241.7	-0.36	0.00	0.04
22	11	6	75	9.0	249.5	11.79	23.63	5.49	11.4	245.9	11.58	13.0	248.7	-0.31	0.00	0.03
23	11	6	75	3.6	236.5	10.96	23.73	17.92	5.6	275.1	11.09	8.0	257.2	-1.16	0.00	0.03

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
++	++	++	++													
0	12	6	75	7.6	227.2	10.32	25.22	5.88	9.9	237.5	10.74	12.2	252.6	-1.73	0.00	0.03
1	12	6	75	10.6	250.2	11.42	23.11	6.16	14.5	254.5	11.79	17.7	261.3	-1.37	0.00	0.03
2	12	6	75	12.7	251.7	11.11	23.31	6.18	16.1	252.7	11.25	19.9	259.5	-1.23	0.00	0.03
3	12	6	75	11.5	254.5	11.06	23.50	6.83	16.1	256.8	11.26	19.6	262.2	-1.05	0.00	0.03
4	12	6	75	3.9	133.5	9.40	24.00	16.87	5.8	170.1	9.44	9.4	263.6	-1.48	0.00	0.03
5	12	6	75	3.6	122.2	9.97	25.74	19.86	4.1	115.9	9.70	3.4	234.4	-0.74	0.00	0.04
6	12	6	75	2.9	53.7	10.41	19.74	13.50	2.9	70.4	10.52	2.8	76.7	-0.54	0.00	0.17
7	12	6	75	4.8	64.1	11.32	17.43	10.24	4.8	58.4	11.02	4.0	70.5	0.17	0.00	0.43
8	12	6	75	3.1	72.9	13.50	17.59	17.63	2.8	55.8	13.29	2.8	77.4	0.72	0.00	0.72
9	12	6	75	4.0	106.5	15.88	18.18	18.86	4.4	74.6	15.23	4.6	142.4	0.66	0.00	0.99
10	12	6	75	9.8	267.2	17.38	17.85	10.96	10.8	261.8	16.04	11.5	265.5	1.06	0.00	1.23
11	12	6	75	7.5	247.6	18.60	17.42	18.33	8.1	243.7	17.30	8.3	254.0	1.02	0.00	1.39
12	12	6	75	7.0	230.2	19.11	16.46	21.78	7.6	227.5	17.86	9.1	237.6	1.05	0.00	1.56
13	12	6	75	8.1	234.5	19.85	15.73	20.18	9.0	234.8	18.37	10.5	243.4	1.25	0.00	1.52
14	12	6	75	13.1	197.1	18.76	16.94	14.05	15.6	198.5	17.49	18.5	211.6	0.92	0.00	1.03
15	12	6	75	8.5	217.3	18.31	17.03	15.66	10.2	207.6	17.42	13.3	223.2	0.74	0.00	0.61
16	12	6	75	12.0	252.1	18.42	17.72	11.93	13.6	245.0	17.56	15.4	251.6	0.60	0.00	0.61
17	12	6	75	11.3	258.0	18.42	16.53	9.99	12.5	250.0	17.42	12.9	247.9	0.81	0.00	0.80
18	12	6	75	5.8	249.8	17.20	17.88	11.28	6.9	236.4	16.60	9.4	259.7	0.27	0.00	0.40
19	12	6	75	6.4	248.3	17.41	17.73	6.35	8.4	245.0	17.02	9.9	252.1	0.03	0.00	0.22
20	12	6	75	9.2	249.8	15.60	19.93	4.41	9.7	236.0	15.58	11.7	226.6	-1.28	0.00	0.07
21	12	6	75	10.7	255.5	15.23	20.60	4.53	12.1	243.4	15.33	13.4	232.2	-1.30	0.00	0.04
22	12	6	75	8.8	243.1	14.95	20.19	6.81	10.7	222.4	15.42	12.2	215.8	-1.74	0.00	0.00
23	12	6	75	12.8	254.7	15.04	20.06	3.83	14.9	248.8	15.51	16.1	243.2	-1.27	0.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
0	13	6	75	12.6	247.9	15.57	19.62	3.73	13.5	244.3	16.31	14.8	252.8	-1.23	0.00	0.00
1	13	6	75	11.9	250.0	15.23	19.78	4.15	14.2	251.4	15.98	15.5	258.7	-1.32	0.00	0.00
2	13	6	75	13.8	245.7	15.05	19.03	4.91	16.1	248.5	15.92	16.7	259.6	-1.43	0.00	0.00
3	13	6	75	14.3	246.0	15.09	19.87	4.86	16.2	249.8	15.97	16.0	261.5	-1.62	0.00	0.00
4	13	6	75	14.2	248.8	14.00	20.36	5.19	17.6	249.7	14.93	19.1	257.0	-1.95	0.00	0.00
5	13	6	75	13.1	250.5	14.51	20.17	4.30	14.5	255.2	15.33	15.5	269.1	-1.53	0.00	999.00
6	13	6	75	12.3	243.1	14.51	19.73	5.79	15.9	245.3	15.21	17.2	252.1	-1.15	0.00	999.00
7	13	6	75	11.7	250.6	16.59	18.36	8.07	13.5	248.1	15.82	16.4	254.9	0.54	0.00	999.00
8	13	6	75	12.3	257.1	17.64	18.04	8.64	13.7	255.0	16.67	15.2	262.5	0.70	0.00	999.00
9	13	6	75	11.0	258.7	18.35	18.30	9.56	11.9	254.9	17.28	12.4	252.5	0.76	0.00	999.00
10	13	6	75	13.7	265.4	19.20	18.04	11.05	15.3	264.1	17.91	15.4	268.6	0.84	0.00	999.00
11	13	6	75	13.3	269.5	20.53	17.57	11.56	16.0	265.7	19.06	17.1	270.0	1.06	0.00	999.00
12	13	6	75	21.1	269.9	21.17	17.02	11.04	24.0	266.7	19.47	25.2	272.3	1.05	0.00	999.00
13	13	6	75	14.6	285.5	21.77	16.32	11.95	16.6	280.4	20.30	17.6	285.1	1.02	0.00	999.00
14	13	6	75	17.4	277.3	22.62	15.81	11.79	19.5	275.3	21.04	21.5	277.6	0.99	0.00	999.00
15	13	6	75	16.6	269.0	22.47	15.93	10.11	19.5	264.3	21.19	21.4	271.9	0.90	0.00	999.00
16	13	6	75	14.7	272.5	22.26	16.16	9.93	18.4	270.4	21.29	20.7	277.1	0.60	0.00	999.00
17	13	6	75	16.6	265.4	22.35	16.01	9.18	19.1	265.8	21.47	20.1	269.4	0.57	0.00	999.00
18	13	6	75	17.3	293.5	21.04	17.02	8.51	20.5	288.0	20.45	24.0	293.7	0.23	0.00	999.00
19	13	6	75	13.5	295.1	19.62	18.09	7.75	17.1	290.6	19.23	19.4	297.0	0.00	0.00	999.00
20	13	6	75	11.8	285.8	18.48	18.78	7.77	14.8	283.9	18.31	17.7	292.1	-0.31	0.00	999.00
21	13	6	75	10.8	278.4	17.88	19.24	6.52	13.9	277.6	17.86	15.9	287.0	-0.54	0.00	999.00
22	13	6	75	9.5	265.3	17.90	19.36	6.48	12.2	267.6	17.80	13.4	276.7	-0.34	0.00	999.00
23	13	6	75	10.2	270.1	17.09	19.64	5.41	13.1	274.9	17.32	14.5	285.2	-0.76	0.00	999.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	RREC	SI
++	++	++	++													
0	14	6	75	10.2	238.7	16.50	10.21	4.85	12.1	241.1	16.70	13.5	253.8	-0.77	0.00	999.00
1	14	6	75	9.7	243.3	16.47	20.14	7.02	12.4	241.7	16.37	15.0	249.0	-0.68	0.00	999.00
2	14	6	75	11.6	264.4	17.20	19.59	8.93	14.4	260.6	16.92	16.9	266.8	-0.17	0.00	999.00
3	14	6	75	16.4	278.9	16.30	19.81	8.49	20.3	278.3	15.94	22.9	280.8	-0.05	0.00	999.00
4	14	6	75	20.6	291.9	15.33	20.47	7.74	24.5	290.6	14.91	27.2	294.7	0.10	0.00	999.00
5	14	6	75	13.6	288.9	13.78	22.54	7.78	17.5	284.2	13.47	20.1	290.8	-0.08	0.00	999.00
6	14	6	75	9.3	283.5	12.83	24.23	8.35	12.5	286.2	12.69	14.8	298.6	-0.33	0.00	999.00
7	14	6	75	10.6	304.7	12.94	23.63	8.15	13.6	302.3	12.60	15.4	309.7	-0.03	0.00	999.00
8	14	6	75	17.9	316.0	15.34	21.00	11.70	20.2	311.3	14.26	20.8	314.6	0.75	0.00	999.00
9	14	6	75	15.4	307.4	15.89	21.18	9.75	16.8	305.0	14.66	17.9	309.2	0.78	0.00	999.00
10	14	6	75	10.8	304.5	16.94	20.09	15.13	12.6	300.5	15.47	13.4	302.9	1.13	0.00	999.00
11	14	6	75	14.5	261.2	17.84	18.87	10.71	15.8	259.7	16.38	16.6	259.9	1.04	0.00	999.00
12	14	6	75	14.0	264.3	18.67	18.16	11.85	15.6	262.3	17.27	17.0	266.8	0.98	0.00	999.00
13	14	6	75	15.4	268.7	19.63	17.16	12.74	16.4	266.4	18.10	18.0	270.5	1.00	0.00	999.00
14	14	6	75	14.2	300.2	20.15	16.72	12.04	16.6	294.3	18.60	17.9	297.2	1.07	0.00	999.00
15	14	6	75	16.5	296.4	20.67	16.50	10.68	18.3	294.0	19.34	18.9	296.5	0.84	0.00	999.00
16	14	6	75	13.9	286.8	21.24	15.83	11.05	15.7	284.7	19.94	17.0	291.1	0.94	0.00	999.00
17	14	6	75	17.4	298.1	21.01	16.06	8.95	20.0	284.6	19.89	22.1	291.0	0.74	0.00	999.00
18	14	6	75	11.5	282.3	19.75	17.35	8.57	13.6	280.6	19.27	15.9	283.9	0.15	0.00	999.00
19	14	6	75	15.7	286.3	18.95	17.81	8.20	20.0	283.0	18.73	22.6	290.3	-0.14	0.00	999.00
20	14	6	75	11.9	286.8	17.36	18.66	7.11	16.1	287.1	17.45	19.2	294.7	-0.62	0.00	999.00
21	14	6	75	13.4	285.2	16.51	18.95	7.23	17.6	286.6	16.39	20.1	293.1	-0.32	0.00	999.00
22	14	6	75	10.2	277.2	15.12	19.64	6.69	13.5	276.5	15.14	16.7	285.7	-0.69	0.00	999.00
23	14	6	75	12.9	278.4	14.45	19.85	6.95	16.9	276.1	14.49	20.6	283.5	-0.77	0.00	0.03

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
++	++	++	++													
0	15	6	75	8.2	272.2	14.14	20.27	7.32	11.5	272.5	14.04	15.1	264.1	-0.66	0.00	0.03
1	15	6	75	9.9	257.0	14.00	20.46	5.63	12.3	260.5	14.26	14.5	272.1	-0.95	0.00	0.03
2	15	6	75	9.6	260.8	14.23	20.35	5.06	12.1	264.8	14.55	13.7	276.1	-0.92	0.00	0.03
3	15	6	75	9.6	264.0	14.04	20.41	5.86	13.4	266.0	14.28	14.7	276.8	-0.84	0.00	0.03
4	15	6	75	9.9	275.3	12.73	21.11	5.76	14.1	276.3	13.29	16.1	283.9	-1.36	0.00	0.03
5	15	6	75	13.0	267.1	13.72	20.58	4.61	16.0	265.7	13.95	18.0	273.2	-0.86	0.00	0.04
6	15	6	75	13.9	263.5	13.95	20.02	9.34	17.1	261.8	13.53	20.7	269.2	0.05	0.00	0.16
7	15	6	75	16.3	269.4	15.30	19.38	8.97	18.9	264.8	14.41	21.3	273.1	0.64	0.00	0.44
8	15	6	75	15.0	257.5	15.80	19.07	8.40	17.3	257.5	14.70	18.7	262.6	0.84	0.00	0.73
9	15	6	75	13.7	256.1	16.72	19.25	9.50	14.9	250.5	15.51	16.3	254.9	0.87	0.00	1.01
10	15	6	75	13.4	261.5	17.67	18.49	10.54	14.9	257.6	16.24	15.7	262.3	1.08	0.00	1.23
11	15	6	75	13.3	256.4	18.65	17.86	9.25	15.1	256.1	17.15	16.5	260.3	1.04	0.00	1.41
12	15	6	75	10.8	280.0	19.87	16.90	14.31	11.9	270.8	18.26	12.6	276.5	1.19	0.00	1.50
13	15	6	75	16.2	277.0	20.74	16.46	11.02	18.8	270.5	19.12	20.6	277.5	1.08	0.00	1.50
14	15	6	75	17.2	288.1	21.45	16.06	10.26	19.3	286.0	19.94	20.1	290.6	0.93	0.00	1.49
15	15	6	75	18.2	287.1	21.86	15.78	10.76	21.7	281.7	20.54	23.5	287.0	0.82	0.00	1.25
16	15	6	75	14.8	278.0	22.21	15.64	11.62	16.7	273.4	20.90	17.9	277.2	0.90	0.00	1.04
17	15	6	75	15.1	290.0	21.17	16.27	8.79	17.8	286.8	20.45	19.7	293.7	0.40	0.00	0.61
18	15	6	75	19.1	292.3	21.01	16.46	8.67	23.3	288.5	20.42	25.7	294.6	0.33	0.00	0.47
19	15	6	75	14.5	298.9	20.07	16.56	8.95	18.0	294.7	20.29	20.8	298.6	0.12	0.00	0.28
20	15	6	75	9.3	276.5	18.17	18.34	5.06	11.8	284.8	18.48	14.1	293.6	-1.02	0.00	0.08
21	15	6	75	7.9	258.1	18.54	18.26	5.84	10.0	263.9	18.71	11.6	274.7	-0.76	0.00	0.04
22	15	6	75	10.2	242.9	18.31	18.30	3.78	11.2	238.4	18.45	11.6	245.3	-0.70	0.00	0.03
23	15	6	75	8.7	255.4	17.61	18.50	4.22	10.4	244.1	17.67	12.1	239.3	-0.93	0.00	0.03

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
++	++	++	++													
0	16	6	75	10.7	254.7	17.71	18.49	4.36	13.3	247.3	17.74	15.1	246.5	-0.74	0.00	0.03
1	16	6	75	8.2	266.0	18.09	18.23	5.77	10.2	264.4	18.04	12.9	264.9	-0.59	0.00	0.03
2	16	6	75	9.4	246.7	15.24	24.78	5.96	12.4	250.5	15.40	15.0	257.2	-0.95	0.00	0.03
3	16	6	75	9.2	248.5	15.39	23.04	4.34	10.3	239.4	15.41	12.0	233.7	-0.80	0.00	0.03
4	16	6	75	9.4	250.3	15.42	22.27	6.77	12.5	252.4	15.26	14.6	261.5	-0.41	0.00	0.03
5	16	6	75	13.1	256.5	15.43	22.26	8.02	16.0	254.8	14.97	18.1	261.2	0.12	0.00	0.04
6	16	6	75	7.8	255.1	14.61	24.16	3.40	9.2	252.6	14.66	10.5	257.4	-0.66	0.00	0.09
7	16	6	75	5.2	233.1	16.30	21.33	12.24	5.8	227.5	15.52	8.5	236.3	0.61	0.00	0.37
8	16	6	75	9.6	254.9	16.51	20.61	8.65	11.1	248.0	15.65	12.8	254.3	0.59	0.00	0.51
9	16	6	75	13.2	258.2	17.18	20.14	9.96	14.5	250.3	16.15	15.8	252.8	0.75	0.00	0.84
10	16	6	75	13.7	259.0	18.13	19.88	10.40	15.8	256.3	16.78	16.5	264.0	1.00	0.00	1.10
11	16	6	75	12.4	281.9	18.75	19.82	12.76	13.6	277.7	17.29	14.2	281.8	1.06	0.00	1.32
12	16	6	75	15.9	283.4	19.66	18.88	10.85	18.7	284.3	18.10	20.1	291.8	1.01	0.00	999.00
13	16	6	75	19.9	292.4	18.72	19.03	8.80	22.9	290.9	17.77	24.6	292.8	0.55	0.00	0.85
14	16	6	75	20.0	299.8	17.13	19.02	10.30	22.8	298.4	17.42	26.2	302.1	999.00	0.00	0.57
15	16	6	75	25.2	305.7	18.88	17.57	9.17	30.0	302.5	17.93	32.4	304.9	0.50	0.00	0.77
16	16	6	75	22.7	300.2	18.14	17.90	8.48	27.4	293.4	17.15	29.5	298.1	0.56	0.00	0.63
17	16	6	75	17.6	305.3	17.24	18.35	8.81	20.8	301.3	16.54	22.2	306.0	0.38	0.00	0.43
18	16	6	75	19.1	305.5	16.87	18.62	8.43	22.5	301.5	16.31	24.5	304.1	0.26	0.00	0.25
19	16	6	75	12.9	306.8	16.05	18.93	7.85	16.0	303.1	15.63	18.2	307.7	0.09	0.00	0.14
20	16	6	75	8.7	304.5	15.35	19.35	8.31	11.3	303.1	15.12	13.4	308.1	-0.20	0.00	0.06
21	16	6	75	4.8	339.2	14.07	19.83	5.94	6.4	336.9	14.23	7.8	337.3	-0.73	0.00	0.04
22	16	6	75	2.5	39.0	12.42	20.53	25.71	5.2	28.9	12.10	8.1	38.1	-0.42	0.00	0.03
23	16	6	75	3.1	252.7	12.59	20.63	8.38	2.2	295.7	11.74	2.1	356.8	-0.02	0.00	0.03

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
0	17	6	75	3.9	317.2	11.98	20.64	10.58	4.2	342.2	11.52	5.2	13.1	-0.13	0.00	0.03
1	17	6	75	4.0	271.2	11.61	20.98	16.01	3.3	337.1	11.08	3.6	50.7	-0.27	0.00	0.03
2	17	6	75	3.4	280.4	11.46	21.27	10.91	2.9	332.0	10.90	3.1	51.0	-0.15	0.00	0.03
3	17	6	75	9.1	256.4	13.72	20.58	7.65	11.9	252.4	13.54	14.5	253.8	-0.51	0.00	0.03
4	17	6	75	11.3	277.5	13.97	20.14	9.25	13.2	273.6	13.51	15.3	260.3	0.13	0.00	0.03
5	17	6	75	2.0	167.6	12.85	21.31	5.52	2.6	146.8	12.11	3.9	147.3	-0.16	0.00	0.04
6	17	6	75	1.3	142.0	12.51	21.51	9.99	2.7	104.0	11.76	3.8	110.4	-0.08	0.00	0.12
7	17	6	75	2.1	79.8	12.53	20.13	15.89	2.5	81.9	12.11	3.1	113.0	0.50	0.00	0.29
8	17	6	75	2.6	17.2	12.93	20.44	26.26	2.7	15.0	12.52	2.5	24.0	0.67	0.00	0.37
9	17	6	75	4.1	71.1	13.37	19.93	9.82	4.4	63.1	12.66	4.9	78.0	0.64	0.00	0.42
10	17	6	75	3.2	74.5	13.53	20.51	9.51	3.4	65.9	12.86	3.5	83.4	0.51	0.00	0.32
11	17	6	75	6.2	234.0	15.94	19.68	19.37	7.6	223.1	15.33	12.7	223.5	0.22	0.00	0.34
12	17	6	75	12.2	246.6	17.34	18.17	11.65	14.9	238.7	16.55	18.1	244.9	0.52	0.00	0.51
13	17	6	75	12.0	205.4	18.89	16.57	15.66	16.0	201.7	17.78	17.5	220.0	0.90	0.00	0.78
14	17	6	75	16.2	194.3	19.37	16.48	13.23	21.7	188.1	18.21	24.2	197.5	0.65	0.00	0.78
15	17	6	75	14.5	206.8	19.70	16.21	16.96	18.3	204.8	18.77	22.7	218.4	0.64	0.00	0.78
16	17	6	75	14.8	206.8	19.56	16.96	13.94	18.7	201.5	18.81	23.3	214.0	0.49	0.00	0.44
17	17	6	75	8.4	265.7	17.98	18.04	10.04	9.6	261.3	17.42	10.8	259.9	0.19	0.00	0.31
18	17	6	75	9.7	307.3	15.38	20.28	11.39	11.3	313.2	14.80	13.4	319.9	0.25	0.00	0.18
19	17	6	75	14.3	22.5	15.24	20.36	16.67	16.5	27.9	14.75	16.7	26.2	0.04	0.00	0.11
20	17	6	75	10.3	54.1	13.24	21.98	14.95	12.1	43.7	12.68	13.4	51.9	0.32	0.00	0.05
21	17	6	75	4.0	325.9	12.48	24.01	19.15	4.4	333.4	12.02	5.1	12.8	-0.15	0.00	0.04
22	17	6	75	5.8	100.0	13.50	24.02	11.79	6.9	95.3	13.33	7.7	119.5	-0.66	0.00	0.04
23	17	6	75	11.8	245.1	15.96	20.34	18.35	14.0	239.2	15.49	17.6	243.9	0.03	0.00	0.03

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
++	++	++	++													
0	18	6	75	6.5	352.0	10.71	39.82	22.18	7.1	339.2	10.11	7.1	343.4	0.35	0.00	0.04
1	18	6	75	12.9	278.4	9.72	67.14	6.94	16.4	278.5	9.23	18.9	287.3	0.12	0.00	0.03
2	18	6	75	5.1	168.1	9.12	72.65	11.64	7.1	172.3	8.72	8.7	182.7	-0.04	0.00	0.03
3	18	6	75	3.9	242.0	10.16	64.64	11.98	5.4	206.3	9.98	7.6	199.7	-0.69	0.00	0.03
4	18	6	75	3.6	210.7	3.83	56.09	14.59	4.0	121.1	8.57	7.0	126.0	-0.59	0.00	0.04
5	18	6	75	1.3	272.5	9.85	60.75	20.23	2.1	278.5	9.36	3.7	201.3	-0.67	0.00	0.04
6	18	6	75	7.2	203.9	11.64	37.99	13.88	11.5	188.9	11.47	14.4	189.2	-0.45	0.00	0.07
7	18	6	75	9.1	174.0	11.64	33.74	13.38	13.9	172.1	11.51	15.9	178.1	-0.33	0.00	0.11
8	18	6	75	10.0	182.2	12.50	26.42	13.34	14.6	177.5	11.91	16.2	183.5	0.28	0.00	0.24
9	18	6	75	16.8	185.0	12.35	25.11	11.72	22.0	183.3	11.61	23.0	188.4	0.42	0.00	0.35
10	18	6	75	12.8	192.3	10.03	35.34	11.39	16.1	188.8	9.39	18.0	195.3	0.54	0.00	0.23
11	18	6	75	10.0	260.1	8.35	45.67	8.20	10.9	257.5	7.43	11.2	264.6	0.70	0.00	0.49
12	18	6	75	14.8	259.8	6.96	54.09	8.53	15.9	255.3	5.67	17.8	255.7	0.86	0.00	0.56
13	18	6	75	10.9	274.3	6.00	77.22	9.14	12.7	266.2	4.91	14.0	269.0	0.70	0.00	0.52
14	18	6	75	9.6	321.8	5.20	74.83	11.27	10.6	317.8	4.24	10.4	320.2	0.76	0.00	0.60
15	18	6	75	14.7	300.2	3.98	76.75	7.98	15.9	298.3	3.15	16.9	302.8	0.66	0.00	0.35
16	18	6	75	12.9	259.8	3.76	77.42	6.62	14.4	255.8	2.46	15.1	259.6	0.68	0.00	0.67
17	18	6	75	10.7	194.9	6.83	44.13	13.98	14.6	190.0	5.70	15.7	199.5	0.91	0.00	0.85
18	18	6	75	12.5	195.9	6.51	71.43	13.25	16.6	196.6	4.78	19.8	205.0	1.55	0.00	0.22
19	18	6	75	6.2	166.4	4.51	76.98	15.94	9.2	165.1	3.92	10.5	173.9	0.30	0.00	0.14
20	18	6	75	9.5	210.2	3.70	77.70	20.08	13.2	204.3	3.21	18.5	223.9	0.19	0.00	0.06
21	18	6	75	5.1	85.9	3.08	79.47	14.11	6.2	83.7	2.49	6.0	126.4	0.16	0.00	0.04
22	18	6	75	4.2	152.7	2.50	81.55	12.90	6.1	151.8	2.14	6.7	176.3	-0.11	0.00	0.03
23	18	6	75	4.1	161.0	2.30	81.92	12.99	6.5	157.6	2.11	7.5	166.8	-0.32	0.00	0.03

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
++	++	++	++													
0	19	6	75	2.2	310.8	3.08	78.50	20.01	2.0	350.4	2.02	2.2	35.0	0.11	0.00	0.03
1	19	6	75	4.2	170.6	2.94	77.98	9.19	5.4	150.5	2.45	6.5	148.5	-0.17	0.00	0.03
2	19	6	75	2.8	193.9	2.53	78.47	6.41	2.3	190.4	1.05	2.7	189.3	-0.05	0.00	0.03
3	19	6	75	2.2	188.4	2.78	77.64	10.86	2.2	184.1	1.71	2.6	151.2	0.12	0.00	0.03
4	19	6	75	3.6	182.4	3.30	79.00	11.73	5.6	160.5	3.00	7.7	164.7	-0.69	0.00	0.03
5	19	6	75	4.6	181.1	3.09	63.19	17.24	7.0	161.3	3.27	10.0	163.6	-0.93	0.00	0.04
6	19	6	75	10.1	169.0	4.26	65.95	15.04	14.8	170.1	4.06	17.3	132.2	-0.20	0.00	0.07
7	19	6	75	6.8	100.9	5.07	46.57	10.00	7.5	93.6	4.45	7.4	112.5	0.49	0.00	0.36
8	19	6	75	15.3	176.4	8.48	34.21	13.58	20.9	174.3	7.43	21.4	181.9	0.60	0.00	0.64
9	19	6	75	16.9	196.3	10.31	29.42	13.30	23.5	196.6	8.92	26.2	206.7	0.83	0.00	0.99
10	19	6	75	16.3	202.5	10.82	25.57	14.71	21.3	199.3	9.54	25.1	214.4	0.89	0.00	0.98
11	19	6	75	19.5	198.9	11.75	22.70	13.46	24.2	196.6	10.31	27.0	208.3	0.63	0.00	1.16
12	19	6	75	17.2	198.8	12.64	21.21	14.03	20.6	201.3	10.91	25.9	210.9	1.07	0.00	1.42
13	19	6	75	15.7	201.1	13.62	19.50	14.28	21.1	200.7	11.90	23.9	213.0	1.26	0.00	1.52
14	19	6	75	17.8	198.6	14.04	18.23	13.94	22.7	196.5	12.33	25.5	203.5	0.96	0.00	1.40
15	19	6	75	19.1	197.2	14.56	17.90	13.37	23.9	188.9	12.84	25.9	203.1	0.66	0.00	1.26
16	19	6	75	15.5	201.0	14.39	17.75	14.63	20.0	199.4	13.23	21.2	216.5	0.86	0.00	0.97
17	19	6	75	13.0	205.4	14.32	18.10	16.79	17.0	205.8	13.40	21.7	217.5	0.63	0.00	0.67
18	19	6	75	12.5	286.5	12.12	21.88	8.19	14.7	280.0	11.35	15.3	281.7	0.70	0.00	0.55
19	19	6	75	12.6	283.9	9.43	33.15	7.00	15.3	279.0	9.03	17.1	284.6	0.37	0.00	0.27
20	19	6	75	14.4	283.0	7.12	57.03	7.30	17.3	280.6	6.67	18.7	288.4	0.07	0.00	0.08
21	19	6	75	12.8	284.6	6.40	56.63	6.44	16.1	285.1	6.07	18.0	293.8	-0.02	0.00	0.04
22	19	6	75	2.8	288.2	6.36	54.03	15.46	3.3	301.7	5.58	3.9	315.3	0.10	0.00	0.03
23	19	6	75	2.2	170.7	6.06	64.02	8.60	2.2	180.3	5.08	2.8	248.3	-0.24	0.00	0.03

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
++	++	++	++													
0	20	6	75	3.0	203.0	5.83	62.77	5.58	3.7	183.0	5.34	5.0	160.7	-0.32	0.00	0.03
1	20	6	75	6.0	232.9	6.35	59.84	4.11	5.9	207.7	6.10	6.2	193.2	-0.21	0.00	0.03
2	20	6	75	5.1	225.9	6.35	62.69	5.40	5.2	199.7	6.06	5.3	190.2	-0.16	0.00	0.03
3	20	6	75	3.6	212.8	6.11	62.04	7.42	3.9	200.0	5.90	4.6	175.6	-0.39	0.00	0.03
4	20	6	75	6.5	245.8	7.11	57.64	2.72	6.0	238.5	6.69	5.0	231.1	-0.05	0.00	0.03
5	20	6	75	1.3	16.2	7.23	56.96	16.78	1.7	76.8	5.59	2.3	103.8	-0.23	0.00	0.04
6	20	6	75	1.5	327.2	6.01	32.86	19.84	1.5	304.6	6.29	2.2	213.2	-0.17	0.00	0.17
7	20	6	75	4.1	149.5	9.23	19.47	11.85	5.1	148.7	8.60	7.1	161.1	0.52	0.00	0.43
8	20	6	75	7.8	120.9	11.84	20.51	10.20	8.2	116.8	10.87	8.7	126.4	0.92	0.00	0.72
9	20	6	75	12.2	173.4	13.24	20.56	12.18	15.0	172.7	12.32	15.9	177.7	0.69	0.00	0.64
10	20	6	75	14.5	195.3	9.88	30.18	13.80	19.5	189.2	9.29	22.5	196.6	0.48	0.00	0.33
11	20	6	75	7.7	195.8	4.80	69.83	10.19	9.9	191.4	5.14	11.7	197.5	999.00	0.00	0.13
12	20	6	75	9.5	194.3	7.41	82.23	13.04	11.7	196.4	5.06	14.1	209.1	2.03	0.00	0.18
13	20	6	75	6.1	180.1	7.59	67.38	26.03	7.0	175.7	6.68	8.4	184.4	0.75	0.00	1.04
14	20	6	75	15.1	164.2	10.50	41.16	14.89	20.1	158.9	9.63	20.3	169.6	0.69	0.00	1.10
15	20	6	75	8.7	247.9	6.84	77.80	15.63	9.7	236.2	4.70	13.1	231.2	1.41	0.00	0.56
16	20	6	75	9.5	223.1	9.96	43.85	17.31	10.8	224.7	8.94	14.1	230.3	0.90	0.00	1.03
17	20	6	75	11.3	243.5	10.58	33.02	13.86	13.2	237.4	9.82	17.3	237.2	0.65	0.00	0.69
18	20	6	75	14.0	285.5	8.21	46.46	7.54	16.1	279.3	7.43	17.3	284.2	0.75	0.00	0.57
19	20	6	75	12.8	261.0	7.83	47.62	7.37	14.8	254.6	7.24	17.7	257.4	0.29	0.00	0.29
20	20	6	75	6.4	265.2	5.57	78.06	10.00	8.2	260.8	5.07	10.1	264.7	0.14	0.00	0.09
21	20	6	75	10.0	327.6	4.82	81.68	6.64	11.2	324.9	4.44	11.1	327.3	0.03	0.00	0.04
22	20	6	75	4.7	228.9	5.14	82.92	6.03	4.9	225.4	4.51	5.6	234.0	0.20	0.00	0.03
23	20	6	75	6.6	148.3	4.14	81.92	5.21	8.0	140.0	4.05	7.4	142.7	-0.45	0.00	0.03

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
0	21	6	75	2.9	191.3	3.82	85.77	10.17	4.5	188.6	3.78	5.5	169.1	-0.63	0.00	0.03
1	21	6	75	4.9	229.8	4.29	86.37	8.33	6.4	210.8	3.91	7.6	196.9	-0.18	0.00	0.03
2	21	6	75	4.7	245.0	5.85	79.72	5.23	4.8	230.6	5.30	5.1	203.8	-0.10	0.00	0.03
3	21	6	75	3.5	211.6	5.67	77.83	6.22	3.5	196.5	5.15	4.0	181.8	-0.33	0.00	0.03
4	21	6	75	2.8	238.6	6.15	75.04	6.86	2.5	227.1	5.47	2.4	201.1	0.11	0.00	0.03
5	21	6	75	4.2	281.8	5.26	71.45	15.63	3.8	257.2	5.27	4.8	225.0	-1.01	0.00	0.04
6	21	6	75	7.5	252.4	6.38	50.48	5.78	9.7	259.5	6.38	10.1	269.2	-0.44	0.00	0.18
7	21	6	75	5.9	259.7	7.62	41.33	9.32	6.4	255.9	6.89	6.6	252.0	0.69	0.00	0.39
8	21	6	75	7.1	208.5	8.46	35.16	13.20	8.3	201.6	7.45	8.3	214.4	0.90	0.00	0.70
9	21	6	75	9.4	251.2	9.72	36.60	12.97	10.4	248.0	8.64	10.2	249.4	0.96	0.00	1.00
10	21	6	75	8.4	266.4	10.18	36.83	12.48	9.7	261.4	9.05	10.4	258.6	0.86	0.00	1.05
11	21	6	75	9.4	273.4	11.30	33.26	14.45	10.3	264.2	9.97	10.8	276.6	1.05	0.00	1.32
12	21	6	75	11.7	194.2	6.80	50.03	11.07	14.3	199.6	7.10	18.0	210.8	999.00	0.00	0.62
13	21	6	75	8.5	246.1	11.20	36.39	16.94	10.2	241.3	10.16	11.9	237.3	0.93	0.00	0.97
14	21	6	75	14.5	248.9	9.85	61.58	8.59	17.0	248.6	6.99	19.2	253.4	2.37	0.00	0.63
15	21	6	75	10.2	247.7	11.49	30.37	14.11	11.9	240.3	10.62	12.1	240.3	0.69	0.00	0.96
16	21	6	75	16.2	248.5	8.62	66.62	9.27	19.1	249.2	7.16	22.0	252.1	1.30	0.00	0.34
17	21	6	75	6.5	243.8	6.63	75.71	6.84	8.4	249.6	6.29	9.6	256.4	999.00	0.00	0.17
18	21	6	75	10.4	251.5	8.74	46.04	8.59	12.9	246.6	8.10	15.2	256.0	0.43	0.00	0.39
19	21	6	75	11.4	254.7	8.83	43.03	5.71	13.1	257.4	8.49	14.8	269.0	0.00	0.00	0.24
20	21	6	75	8.9	237.6	8.62	50.23	2.93	9.0	235.1	8.81	9.0	244.3	-0.60	0.00	0.08
21	21	6	75	5.0	226.8	9.19	45.71	2.36	4.6	235.0	8.88	4.9	244.6	-0.15	0.00	0.04
22	21	6	75	3.1	211.5	7.95	57.65	5.34	2.2	215.2	7.34	1.0	192.9	-0.39	0.00	0.04
23	21	6	75	2.4	205.1	7.83	63.04	9.91	2.8	222.9	7.04	3.2	218.1	0.30	0.00	0.03

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
++	++	++	++													
0	22	6	75	3.1	242.7	7.46	73.45	6.18	4.0	258.1	6.77	4.3	285.3	0.15	0.00	0.03
1	22	6	75	3.0	348.7	6.96	72.36	18.41	3.5	325.5	6.54	3.1	200.9	0.02	0.00	0.03
2	22	6	75	2.6	316.0	6.89	73.15	20.65	3.6	304.6	6.41	6.4	256.7	-0.35	0.00	0.03
3	22	6	75	2.3	105.4	6.64	75.71	14.89	2.6	69.5	5.58	4.7	287.0	-0.23	0.00	0.03
4	22	6	75	8.2	255.4	7.03	73.85	7.85	9.8	258.7	7.75	8.2	273.0	-1.36	0.00	0.03
5	22	6	75	2.4	259.8	5.91	78.62	16.62	1.9	307.7	5.27	3.4	295.3	-0.71	0.00	0.04
6	22	6	75	1.7	357.7	7.23	44.03	13.73	1.1	343.5	7.46	1.2	330.2	0.25	0.00	0.17
7	22	6	75	2.7	75.9	8.94	21.05	13.50	2.2	43.9	9.66	1.7	89.4	0.51	0.00	0.43
8	22	6	75	6.0	82.2	9.92	28.50	10.52	6.6	78.4	9.03	6.9	93.8	0.34	0.00	0.78
9	22	6	75	3.3	161.4	10.46	32.73	16.53	3.5	149.1	9.77	3.7	149.8	0.63	0.00	0.76
10	22	6	75	6.4	9.1	11.53	34.78	26.72	6.4	7.6	10.33	5.8	11.5	0.87	0.00	1.08
11	22	6	75	6.1	246.7	12.63	24.97	17.91	6.8	248.1	11.66	7.5	256.8	0.74	0.00	0.94
12	22	6	75	8.0	274.4	14.09	20.92	12.80	8.9	268.1	12.69	9.6	272.7	1.11	0.00	1.46
13	22	6	75	7.2	266.9	14.80	19.05	18.35	8.0	254.2	13.46	8.3	259.2	1.05	0.00	1.50
14	22	6	75	8.2	263.6	15.72	18.77	14.39	8.9	258.2	14.36	9.7	260.6	1.09	0.00	1.50
15	22	6	75	9.4	246.7	15.43	18.66	11.89	10.7	243.9	14.45	12.0	245.5	0.91	0.00	1.04
16	22	6	75	10.3	255.5	14.69	22.20	9.50	10.8	244.2	13.75	12.4	248.2	0.87	0.00	0.81
17	22	6	75	9.4	262.3	15.67	18.94	10.36	10.5	256.5	14.64	11.4	258.0	0.91	0.00	0.79
18	22	6	75	8.1	257.5	15.75	19.20	9.72	9.1	248.6	14.92	10.0	249.6	0.75	0.00	0.56
19	22	6	75	6.4	250.9	15.16	19.31	7.01	7.7	241.4	14.65	8.7	244.3	0.34	0.00	0.29
20	22	6	75	8.6	247.2	13.55	24.66	4.51	9.7	231.0	13.65	10.7	226.9	-1.01	0.00	0.09
21	22	6	75	8.3	243.7	13.26	24.25	6.30	9.3	222.2	13.38	9.7	205.6	-1.17	0.00	0.04
22	22	6	75	8.8	246.0	12.85	24.41	5.76	9.7	221.9	13.16	10.2	211.2	-1.59	0.00	0.03
23	22	6	75	8.8	250.4	12.51	24.12	7.50	9.5	232.7	12.26	12.8	215.0	-1.07	0.00	0.03

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
++	++	++	++													
0	23	6	75	8.7	269.4	11.93	24.23	8.15	9.3	241.6	11.73	13.7	230.5	-0.90	0.00	0.03
1	23	6	75	11.2	251.0	11.71	24.53	4.77	14.3	252.6	12.05	16.6	260.1	-1.52	0.00	0.03
2	23	6	75	10.6	254.4	11.67	26.18	4.89	14.1	258.5	12.19	15.9	271.4	-1.33	0.00	0.03
3	23	6	75	3.8	54.6	10.19	29.88	14.36	4.2	26.6	10.16	4.7	335.9	-0.91	0.00	0.03
4	23	6	75	3.0	199.5	9.83	39.35	10.27	4.1	210.2	10.51	3.3	223.1	-1.84	0.00	0.03
5	23	6	75	4.6	199.8	10.24	38.52	5.63	5.7	176.9	10.52	5.8	152.1	-1.34	0.00	0.04
6	23	6	75	1.2	232.8	11.43	23.10	8.42	1.9	200.0	11.50	2.5	189.2	-0.25	0.00	0.17
7	23	6	75	1.8	101.2	12.79	15.71	19.31	2.0	38.5	13.40	1.8	48.1	0.66	0.00	0.42
8	23	6	75	4.9	67.8	13.84	19.01	9.80	5.2	67.5	13.15	5.5	66.6	0.72	0.00	0.70
9	23	6	75	4.3	43.4	15.62	21.07	25.37	4.4	77.6	14.91	3.9	96.8	0.70	0.00	0.98
10	23	6	75	7.4	177.0	17.29	18.39	14.61	8.6	177.4	16.14	8.9	192.5	0.93	0.00	1.20
11	23	6	75	6.8	260.3	17.83	18.51	13.64	7.5	249.5	16.80	8.7	248.4	0.80	0.00	0.99
12	23	6	75	9.1	227.7	19.08	17.41	14.85	10.0	224.3	17.89	11.2	229.4	1.07	0.00	1.13
13	23	6	75	9.6	211.6	19.97	15.95	16.97	10.9	208.5	18.58	11.8	219.4	1.02	0.00	1.28
14	23	6	75	13.1	267.1	19.24	16.44	11.39	15.5	263.6	17.84	16.6	267.5	1.01	0.00	1.21
15	23	6	75	7.5	268.9	20.10	15.80	17.71	8.2	258.5	18.89	9.0	258.1	1.14	0.00	1.31
16	23	6	75	8.8	200.3	21.15	14.36	17.29	10.7	201.6	19.95	11.7	212.9	1.05	0.00	1.15
17	23	6	75	7.5	213.6	20.20	15.53	17.49	9.5	205.2	19.42	12.5	226.0	0.56	0.00	0.66
18	23	6	75	6.3	203.9	19.87	16.14	12.95	8.1	206.3	19.17	10.1	215.7	0.44	0.00	0.42
19	23	6	75	3.9	254.5	19.12	16.77	6.76	5.3	238.2	18.70	6.9	231.0	-0.18	0.00	0.23
20	23	6	75	3.9	225.0	18.63	18.25	6.24	3.5	204.4	18.02	2.9	188.9	-0.19	0.00	0.09
21	23	6	75	3.7	214.1	18.22	18.86	6.04	3.6	185.6	17.77	4.3	160.6	-0.79	0.00	0.04
22	23	6	75	2.2	278.4	16.73	20.31	6.52	2.0	317.9	14.91	1.9	114.3	-0.37	0.00	0.04
23	23	6	75	5.7	248.6	17.35	19.66	4.49	4.5	233.8	16.57	3.4	204.5	-0.07	0.00	0.03

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
++	++	++	++													
0	24	6	75	2.8	207.5	16.87	19.54	12.12	3.9	204.3	16.56	4.5	180.1	-0.63	0.00	0.03
1	24	6	75	3.5	206.8	16.00	19.54	7.28	5.2	189.3	16.06	6.4	186.9	-1.09	0.00	0.03
2	24	6	75	2.9	229.3	15.90	20.01	8.72	3.8	193.3	15.51	5.3	193.7	-0.42	0.00	0.03
3	24	6	75	2.4	198.7	15.99	19.75	5.79	3.6	188.6	15.41	5.4	194.7	-0.25	0.00	0.03
4	24	6	75	3.4	213.3	15.41	19.89	6.61	5.2	198.2	15.02	6.9	198.5	-0.36	0.00	0.03
5	24	6	75	1.3	180.3	15.23	20.21	16.11	3.4	177.9	14.68	5.4	185.2	-0.38	0.00	0.04
6	24	6	75	6.1	190.0	14.79	18.50	19.23	10.9	187.8	14.93	14.4	192.6	-0.82	0.00	0.14
7	24	6	75	7.8	166.8	16.23	16.36	11.98	10.4	168.5	15.61	11.3	175.0	0.36	0.00	0.39
8	24	6	75	8.6	152.8	17.78	16.19	11.05	9.9	144.7	16.90	10.4	150.1	0.70	0.00	0.70
9	24	6	75	12.1	169.7	19.01	16.49	9.75	14.9	164.7	17.85	14.6	169.2	0.83	0.00	0.99
10	24	6	75	17.9	186.5	20.28	16.17	12.36	23.3	184.9	18.85	24.4	196.7	0.64	0.00	1.07
11	24	6	75	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	0.00	999.00
12	24	6	75	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	0.00	999.00
13	24	6	75	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	0.00	999.00
14	24	6	75	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	0.00	999.00
15	24	6	75	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	0.00	999.00
16	24	6	75	21.4	194.2	22.06	15.52	11.80	29.2	184.3	21.08	31.8	194.5	0.15	0.00	999.00
17	24	6	75	14.1	203.0	21.73	14.92	13.17	19.9	197.9	20.97	23.2	206.9	0.42	999.00	0.56
18	24	6	75	14.0	196.1	21.99	14.06	13.31	18.7	188.1	21.20	20.9	195.8	0.45	0.00	0.58
19	24	6	75	16.9	199.7	21.24	15.15	14.03	23.0	199.4	20.89	28.8	208.8	0.01	0.00	0.29
20	24	6	75	8.5	214.7	19.52	16.80	15.51	12.5	203.9	19.38	16.2	206.5	-0.42	0.00	0.09
21	24	6	75	10.1	200.5	18.35	17.54	12.95	15.0	191.5	18.54	19.5	194.0	-0.95	0.00	0.04
22	24	6	75	9.3	217.9	18.46	17.51	16.80	14.1	207.0	18.36	19.7	209.7	-0.53	0.00	0.03
23	24	6	75	12.8	195.9	17.93	17.56	11.78	18.2	191.8	18.23	21.0	198.6	-0.80	0.00	0.03

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
0	25	6	75	16.4	195.3	18.15	17.49	10.68	21.2	191.6	18.16	25.7	198.8	-0.18	0.00	0.03
1	25	6	75	15.4	193.4	17.88	17.55	11.37	21.2	195.6	17.71	25.6	206.5	-0.10	0.00	0.03
2	25	6	75	15.0	202.1	17.00	17.76	12.48	19.8	200.5	16.80	24.3	205.5	-0.12	0.00	0.03
3	25	6	75	15.9	201.8	16.34	18.01	12.83	21.2	197.1	16.20	26.0	205.9	-0.02	0.00	0.03
4	25	6	75	13.0	208.2	15.20	18.49	12.17	17.6	205.7	15.05	21.8	212.3	-0.31	0.00	0.03
5	25	6	75	11.9	206.6	14.28	18.77	10.81	16.2	203.3	14.11	20.5	208.1	-0.30	0.00	999.00
6	25	6	75	11.7	205.7	14.99	16.94	13.68	15.7	197.1	14.43	19.1	207.8	0.29	0.00	999.00
7	25	6	75	18.7	191.3	15.85	17.17	11.92	23.9	189.4	14.89	26.4	195.8	0.43	0.00	999.00
8	25	6	75	21.9	194.5	15.60	17.53	10.67	26.9	188.5	14.72	29.7	200.5	0.37	0.00	999.00
9	25	6	75	20.4	186.7	15.75	17.54	13.07	27.9	181.1	14.76	29.5	192.5	0.30	0.00	999.00
10	25	6	75	20.8	190.5	16.51	17.10	12.03	27.6	183.1	15.03	28.2	190.8	0.34	0.00	999.00
11	25	6	75	15.8	204.0	17.13	17.17	16.31	20.1	199.8	15.53	22.6	219.8	1.11	0.00	999.00
12	25	6	75	19.5	199.8	16.14	17.05	15.20	25.5	195.0	15.03	30.1	208.2	0.57	0.00	999.00
13	25	6	75	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	0.00	999.00
14	25	6	75	21.5	254.2	12.98	19.30	10.33	24.9	249.4	11.51	27.1	255.1	1.11	0.00	999.00
15	25	6	75	17.9	268.5	12.44	19.18	9.16	20.5	263.5	11.38	22.1	267.4	0.74	0.00	0.80
16	25	6	75	21.4	278.6	13.60	18.34	10.66	25.1	274.2	12.42	28.2	279.6	0.78	0.00	0.69
17	25	6	75	22.2	300.7	10.89	20.03	9.96	26.2	296.7	9.90	28.6	301.3	0.72	0.00	0.59
18	25	6	75	24.7	305.3	9.86	20.42	8.77	29.3	299.4	9.06	31.0	303.2	0.56	0.00	0.38
19	25	6	75	21.6	294.0	8.20	21.49	7.85	25.0	288.1	8.03	28.1	293.2	0.41	0.00	0.25
20	25	6	75	19.0	289.5	6.68	23.89	8.49	22.7	286.3	6.31	25.2	287.3	0.15	0.00	0.08
21	25	6	75	18.1	290.4	5.84	24.92	8.02	22.6	286.9	5.51	26.4	290.3	0.05	0.00	0.04
22	25	6	75	17.7	299.8	5.30	25.44	8.02	21.4	298.3	4.98	24.6	301.1	0.05	0.00	0.03
23	25	6	75	14.3	299.4	4.78	26.88	9.47	17.6	290.8	4.47	21.6	296.0	0.02	0.00	0.03

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
++	++	++	++													
0	26	6	75	6.5	278.4	4.92	29.39	8.95	7.1	278.6	4.41	7.7	280.9	0.20	0.00	0.03
1	26	6	75	3.0	277.9	3.54	32.00	9.10	3.5	314.2	3.18	4.7	328.0	-0.55	0.00	0.03
2	26	6	75	2.4	255.9	3.16	37.20	13.59	2.8	62.1	2.39	3.2	54.3	-0.53	0.00	0.03
3	26	6	75	3.5	235.0	2.90	41.44	8.30	2.8	263.6	1.77	1.7	306.1	-0.48	0.00	0.03
4	26	6	75	5.6	216.1	3.22	39.68	5.85	5.1	191.2	2.77	4.9	176.7	-0.22	0.00	0.03
5	26	6	75	7.0	232.8	3.10	38.14	4.59	7.3	214.7	3.06	7.3	194.0	-0.50	0.00	0.04
6	26	6	75	3.6	185.8	4.02	23.41	13.90	5.2	186.7	3.56	6.0	190.3	0.32	0.01	0.18
7	26	6	75	4.6	152.5	5.69	19.36	11.19	5.1	143.4	4.91	5.4	157.7	0.81	0.00	0.45
8	26	6	75	3.9	150.9	7.40	19.34	17.83	4.4	145.1	6.72	4.8	147.6	0.83	0.00	0.74
9	26	6	75	3.2	316.1	9.83	19.98	28.84	3.5	292.1	9.23	3.7	282.0	0.98	0.00	1.02
10	26	6	75	6.4	203.4	11.48	19.20	20.48	7.1	198.6	10.39	7.3	203.5	0.96	0.00	1.25
11	26	6	75	6.1	235.0	13.31	18.54	18.23	6.8	222.3	11.88	7.1	224.7	1.03	0.00	1.43
12	26	6	75	6.1	212.5	15.37	17.01	23.61	7.2	198.6	14.00	8.0	202.8	1.12	0.00	1.52
13	26	6	75	7.6	182.5	16.40	15.75	18.58	8.5	174.8	15.18	9.1	188.6	0.90	0.00	1.53
14	26	6	75	7.2	225.4	18.50	15.00	23.17	8.5	221.4	17.23	9.2	226.6	1.21	0.00	1.48
15	26	6	75	7.1	190.0	19.36	13.92	20.45	8.4	181.6	18.00	9.2	194.5	1.20	0.00	1.34
16	26	6	75	10.9	196.4	19.96	14.38	14.32	13.2	188.4	18.59	15.0	208.3	1.17	0.00	1.14
17	26	6	75	10.9	197.0	19.54	14.38	13.49	14.1	193.3	18.44	15.9	208.2	0.92	0.00	0.88
18	26	6	75	9.5	202.4	19.03	14.37	13.83	11.5	205.1	18.35	14.3	222.2	0.49	0.00	0.60
19	26	6	75	8.3	201.6	17.31	15.47	12.58	10.4	207.1	16.95	14.2	218.8	0.04	0.00	0.30
20	26	6	75	5.0	269.8	14.42	18.76	11.87	5.6	247.8	14.47	10.0	226.5	-0.92	0.00	0.09
21	26	6	75	1.8	217.5	14.01	19.84	17.28	2.0	196.0	12.90	3.3	147.8	-0.44	0.00	0.04
22	26	6	75	10.5	259.5	14.71	18.93	5.04	12.7	252.4	14.77	13.4	251.6	-0.44	0.00	0.03
23	26	6	75	10.0	251.6	15.20	18.53	4.05	11.6	247.6	15.46	11.8	246.4	-0.71	0.00	0.03

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	LT60	PREC	SI
++	++	++	++													
0	27	6	75	8.9	243.9	15.10	18.65	4.40	9.9	232.9	15.17	11.2	234.5	-0.60	0.00	0.03
1	27	6	75	4.2	210.6	13.94	19.09	7.48	4.0	207.6	13.91	4.0	217.7	-0.57	0.00	0.03
2	27	6	75	5.4	242.4	13.84	19.43	5.80	5.3	229.5	13.64	6.5	228.3	-0.95	0.00	0.03
3	27	6	75	4.2	208.8	14.17	19.74	8.24	4.4	194.8	14.05	4.5	164.2	-0.55	0.00	0.03
4	27	6	75	4.0	182.0	13.33	19.95	4.76	4.7	165.3	13.33	4.6	168.9	-0.62	0.00	0.03
5	27	6	75	2.7	348.2	12.89	20.03	18.79	3.7	C.7	12.53	2.9	16.8	-0.61	0.00	0.04
6	27	6	75	1.8	357.0	12.84	16.42	20.95	1.9	33.3	13.14	2.6	223.5	-0.88	0.00	0.18
7	27	6	75	8.9	200.5	17.51	14.77	17.23	11.6	200.6	16.84	15.4	216.7	0.51	0.00	0.44
8	27	6	75	10.8	201.3	18.80	15.54	15.05	14.5	196.0	17.68	16.9	212.8	1.02	0.00	0.72
9	27	6	75	15.9	201.1	20.10	16.10	14.36	20.1	199.3	18.71	22.5	214.8	0.99	0.00	1.00
10	27	6	75	15.0	204.6	21.12	15.73	15.85	18.9	205.0	19.59	23.8	220.9	1.16	0.00	1.24
11	27	6	75	12.9	212.8	21.94	15.45	16.40	16.9	200.0	20.34	19.0	216.1	1.30	0.00	1.41
12	27	6	75	18.1	198.9	22.18	15.09	14.42	22.6	193.8	20.55	25.8	209.1	0.88	0.00	1.44
13	27	6	75	19.8	192.7	22.77	14.52	12.64	24.5	191.1	21.01	27.1	203.1	0.82	0.00	1.51
14	27	6	75	17.2	209.6	23.69	14.05	15.27	21.9	203.0	22.07	26.9	215.3	1.00	0.00	1.49
15	27	6	75	17.2	196.6	23.75	13.89	13.76	20.6	197.3	22.27	25.0	207.3	0.79	0.00	1.35
16	27	6	75	15.4	205.4	23.86	13.75	16.05	19.9	204.2	22.60	23.3	215.0	0.89	0.00	1.08
17	27	6	75	10.5	214.5	23.00	14.25	17.44	12.8	217.0	22.15	18.1	225.6	0.65	0.00	0.71
18	27	6	75	8.0	208.0	22.16	15.26	16.08	10.1	207.5	21.56	14.1	220.8	0.30	0.00	0.38
19	27	6	75	9.0	208.0	21.26	15.62	13.26	12.2	205.0	20.85	16.5	216.1	-0.01	0.00	0.20
20	27	6	75	5.4	252.5	20.09	16.68	15.33	6.4	225.0	19.63	13.0	221.5	-0.25	0.00	0.08
21	27	6	75	6.1	237.7	19.60	16.99	15.46	7.8	227.3	19.25	14.8	227.2	-0.43	0.00	0.04
22	27	6	75	6.2	250.7	18.89	17.43	17.18	7.9	230.0	18.50	14.2	219.1	-0.45	0.00	0.03
23	27	6	75	5.7	238.3	18.42	17.62	19.54	7.6	221.3	18.06	15.9	221.3	-0.46	0.00	0.03

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
++	++	++	++													
0	28	6	75	11.4	256.5	18.26	17.46	6.65	13.6	247.9	18.43	16.7	249.1	-0.74	0.00	0.03
1	28	6	75	14.5	252.5	17.54	17.64	4.30	17.8	250.6	18.34	20.1	253.3	-1.65	0.00	0.03
2	28	6	75	11.6	254.5	18.21	17.52	3.47	13.4	254.3	18.84	14.2	253.0	-1.11	0.00	0.03
3	28	6	75	5.3	310.5	14.94	18.22	13.97	5.1	329.6	14.76	5.3	349.7	-0.56	0.00	0.03
4	28	6	75	5.2	283.2	13.46	19.60	13.65	6.5	300.7	13.07	8.3	328.5	-0.17	0.00	0.03
5	28	6	75	5.7	302.6	13.29	19.54	6.28	6.3	320.1	13.14	7.0	350.2	-0.70	0.00	0.04
6	28	6	75	6.0	296.7	13.60	17.95	5.95	5.8	317.5	13.46	5.7	345.4	-0.31	0.00	0.17
7	28	6	75	2.4	316.3	15.19	15.76	14.80	2.5	312.5	14.59	2.5	318.5	0.77	0.00	0.43
8	28	6	75	2.4	23.8	17.16	14.06	22.42	1.9	21.5	17.88	1.9	69.9	0.75	0.00	0.71
9	28	6	75	4.2	168.1	19.30	15.39	20.21	4.6	155.5	18.51	5.2	154.4	0.80	0.00	0.98
10	28	6	75	9.4	161.4	21.36	15.13	14.19	10.8	161.3	20.07	11.0	172.1	0.89	0.00	1.21
11	28	6	75	10.4	229.0	22.90	14.94	15.99	11.4	222.5	21.39	14.8	230.6	1.42	0.00	1.40
12	28	6	75	11.6	222.9	23.64	14.57	17.50	14.7	210.3	22.01	19.5	223.8	1.44	0.00	1.50
13	28	6	75	13.6	201.5	23.68	14.14	16.51	18.4	197.0	21.94	20.6	209.9	1.19	0.00	1.52
14	28	6	75	15.8	199.9	23.60	14.11	14.04	20.3	198.3	22.00	22.8	210.0	1.04	0.00	1.47
15	28	6	75	15.5	190.3	23.77	13.75	13.19	19.8	188.4	22.22	21.9	198.1	0.99	0.00	1.33
16	28	6	75	11.1	208.7	24.18	13.32	17.39	13.6	202.0	22.87	15.5	217.7	1.06	0.00	1.11
17	28	6	75	10.2	210.6	24.00	13.27	16.15	12.5	210.6	22.95	15.2	219.5	0.89	0.00	0.87
18	28	6	75	9.1	217.7	23.30	13.70	16.40	12.1	213.9	22.59	14.4	220.1	0.47	0.00	0.59
19	28	6	75	8.6	247.7	21.99	14.97	12.14	10.3	231.2	21.52	14.2	235.1	0.14	0.00	0.29
20	28	6	75	9.4	259.4	19.76	16.95	7.14	10.6	240.0	19.72	15.5	233.4	-1.32	0.00	0.00
21	28	6	75	9.7	255.8	18.64	17.39	6.22	10.8	235.0	18.92	25.3	255.6	-1.14	0.00	0.00
22	28	6	75	7.5	251.1	18.34	17.55	12.23	8.7	228.9	18.44	14.2	210.2	-2.07	0.00	0.00
23	28	6	75	4.5	268.7	18.13	17.95	17.15	6.3	215.7	17.90	12.4	218.3	-1.05	0.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
++	++	++	++													
0	29	6	75	5.4	258.5	18.02	17.97	15.81	7.1	221.6	17.75	13.4	219.6	-0.65	0.00	0.00
1	29	6	75	4.8	235.5	18.29	18.01	19.28	7.2	223.3	17.92	15.2	225.3	-0.53	0.00	0.03
2	29	6	75	5.6	246.0	17.92	17.93	21.06	7.0	219.5	17.56	16.6	219.9	-1.16	0.00	0.03
3	29	6	75	5.4	269.8	16.56	18.49	13.97	6.3	236.5	16.84	12.4	216.2	-1.79	0.00	0.03
4	29	6	75	5.9	254.9	17.03	18.21	16.99	8.4	223.9	16.62	15.0	215.6	-1.15	0.00	0.03
5	29	6	75	6.6	230.4	16.93	18.39	22.23	10.3	214.7	16.91	19.7	214.7	-1.18	0.00	0.04
6	29	6	75	6.0	218.0	17.67	16.10	20.27	8.6	208.8	17.27	16.1	219.1	-0.11	0.00	0.17
7	29	6	75	10.8	209.9	19.60	15.19	14.89	13.3	203.6	18.79	17.9	220.1	0.64	0.00	0.43
8	29	6	75	12.1	205.4	20.61	15.16	14.92	14.9	200.7	19.48	18.7	218.4	1.03	0.00	0.71
9	29	6	75	11.9	202.7	21.60	15.57	15.51	15.3	197.2	20.27	16.9	215.7	1.11	0.00	0.99
10	29	6	75	12.6	211.8	22.13	15.44	16.14	15.6	203.1	20.52	20.3	218.2	1.41	0.00	1.23
11	29	6	75	14.5	204.9	22.69	15.06	16.27	17.3	201.5	21.10	20.6	212.9	1.13	0.00	1.41
12	29	6	75	15.9	206.9	23.46	14.75	15.13	19.8	201.7	21.81	23.3	218.6	1.34	0.00	1.51
13	29	6	75	16.1	199.6	24.02	14.28	15.41	21.2	197.1	22.34	24.2	213.7	1.12	0.00	1.53
14	29	6	75	13.0	219.6	24.46	13.77	19.09	16.9	213.4	22.93	20.9	225.0	1.24	0.00	1.43
15	29	6	75	12.0	214.7	24.23	13.64	15.91	15.5	202.2	22.94	19.0	221.0	1.06	0.00	1.14
16	29	6	75	14.3	194.1	24.35	13.40	13.82	18.3	194.0	23.06	21.4	211.2	0.83	0.00	1.06
17	29	6	75	12.3	200.4	24.51	13.16	14.48	16.3	198.3	23.38	19.5	212.5	0.83	0.00	0.89
18	29	6	75	14.4	203.3	23.77	13.65	14.75	18.8	200.6	23.04	22.2	214.2	0.37	0.00	0.62
19	29	6	75	6.3	209.1	21.75	14.38	16.06	9.5	215.1	21.35	13.6	220.9	-0.03	0.00	0.30
20	29	6	75	4.9	244.9	19.64	17.23	17.16	6.5	225.4	19.30	14.5	223.0	-0.67	0.00	0.08
21	29	6	75	7.7	259.4	19.42	17.53	13.58	7.9	225.0	19.25	14.8	226.9	-0.98	0.00	0.04
22	29	6	75	6.8	250.6	18.69	17.52	14.14	8.8	223.7	18.44	16.0	217.3	-1.18	0.00	0.03
23	29	6	75	6.0	242.0	18.60	17.77	20.03	8.2	217.5	18.44	17.3	221.1	-0.99	0.00	0.03

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
++	++	++	++													
0	30	6	75	5.9	257.9	18.58	17.78	16.03	7.9	224.1	18.40	16.2	218.1	-0.94	0.00	0.03
1	30	6	75	7.1	256.0	18.45	17.65	12.51	8.4	233.8	18.21	15.2	224.8	-0.82	0.00	0.03
2	30	6	75	7.5	258.2	18.71	17.60	13.27	8.6	234.9	18.48	16.4	227.7	-0.80	0.00	0.03
3	30	6	75	10.2	269.4	17.37	17.94	6.26	11.9	247.4	17.89	15.4	230.2	-2.02	0.00	0.03
4	30	6	75	9.5	269.5	17.94	17.70	6.89	10.5	243.3	18.28	15.0	227.6	-1.95	0.00	0.03
5	30	6	75	1.9	89.3	15.60	18.78	21.42	3.1	94.2	15.05	2.3	149.7	-1.37	0.00	0.04
6	30	6	75	2.2	327.2	16.80	15.71	19.71	2.0	1.0	16.73	2.2	46.1	-0.58	0.00	0.17
7	30	6	75	3.0	62.7	17.21	13.34	8.54	2.6	51.3	17.52	1.6	69.4	-0.54	0.00	0.43
8	30	6	75	3.3	61.7	19.06	14.07	10.00	3.2	57.2	18.57	3.2	71.5	0.58	0.00	0.71
9	30	6	75	5.9	132.7	22.24	15.03	13.47	6.5	130.0	21.27	7.2	149.4	0.68	0.00	0.98
10	30	6	75	14.6	178.7	24.07	14.63	9.68	16.7	176.6	22.49	17.0	184.2	1.03	0.00	0.00
11	30	6	75	12.5	186.3	24.95	14.44	13.02	15.5	185.6	23.28	15.9	192.7	1.25	0.00	1.40
12	30	6	75	10.1	202.2	25.79	13.69	17.81	13.0	195.2	24.15	14.5	206.1	1.26	0.00	1.50
13	30	6	75	12.6	203.4	26.16	13.11	14.79	15.9	195.7	24.41	17.7	203.4	1.29	0.00	1.52
14	30	6	75	12.1	203.5	26.63	13.19	15.70	15.6	204.8	25.04	18.0	215.8	1.10	0.00	1.47
15	30	6	75	12.0	225.1	26.74	12.83	17.13	14.5	221.2	25.30	19.0	228.8	1.20	0.00	1.35
16	30	6	75	12.9	213.3	26.61	12.79	16.17	15.4	207.9	25.38	20.0	225.2	1.04	0.00	1.14
17	30	6	75	8.0	224.9	26.42	12.27	17.23	9.8	218.9	25.44	11.7	227.7	0.88	0.00	0.87
18	30	6	75	9.9	196.6	25.57	12.36	11.58	13.0	192.3	24.93	15.3	201.9	0.36	0.00	0.60
19	30	6	75	4.7	228.9	24.06	12.99	11.30	6.9	210.8	23.77	7.9	211.2	-0.10	0.00	0.30
20	30	6	75	7.7	241.4	23.33	16.20	4.56	8.2	222.2	23.74	8.4	221.4	-0.98	0.00	0.09
21	30	6	75	10.1	247.1	22.14	16.22	4.56	11.3	232.1	22.87	12.1	227.0	-1.45	0.00	0.04
22	30	6	75	11.9	254.8	21.05	16.53	4.68	13.8	236.7	21.95	16.0	229.0	-2.57	0.00	0.03
23	30	6	75	10.5	258.9	20.42	16.73	4.33	12.6	239.0	21.61	15.5	233.5	-2.70	0.00	0.03

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
0	1	7	75	9.2	255.7	19.85	16.93	6.64	9.8	232.5	20.10	14.5	220.7	-1.94	0.00	0.03
1	1	7	75	11.2	256.2	19.88	16.94	7.81	12.4	236.0	20.52	16.4	228.2	-2.49	0.00	0.03
2	1	7	75	7.1	249.0	20.14	17.02	13.60	10.1	221.8	20.68	14.0	208.4	-2.48	0.00	0.03
3	1	7	75	11.5	254.1	19.30	17.04	5.13	13.9	236.1	20.25	17.1	234.0	-2.60	0.00	0.03
4	1	7	75	9.0	259.3	19.18	17.25	8.16	10.1	233.6	19.56	14.7	227.6	-2.03	0.00	0.03
5	1	7	75	6.3	256.3	18.85	17.35	15.44	9.1	227.7	19.06	15.5	213.5	-2.17	0.00	0.03
6	1	7	75	1.4	208.5	17.31	14.51	26.74	3.2	125.1	18.16	4.1	189.2	-1.62	0.00	0.17
7	1	7	75	3.2	55.7	19.24	13.34	12.09	3.9	52.1	19.12	4.6	57.1	-0.06	0.00	0.42
8	1	7	75	4.9	62.1	21.69	13.90	12.42	5.2	63.7	21.04	5.6	93.1	0.58	0.00	0.70
9	1	7	75	11.0	180.9	24.65	14.31	11.28	13.4	176.7	23.34	13.6	187.2	1.00	0.00	0.98
10	1	7	75	17.0	177.5	25.39	14.28	10.88	21.3	169.9	23.70	21.1	176.0	0.95	0.00	1.21
11	1	7	75	16.6	184.4	26.24	14.17	11.71	20.7	177.5	24.37	20.9	183.5	1.09	0.00	1.39
12	1	7	75	15.2	191.9	27.09	13.44	13.12	18.9	184.4	25.24	18.4	195.2	1.19	0.00	1.48
13	1	7	75	14.1	206.2	27.82	12.97	15.87	17.6	202.1	26.07	21.9	223.5	1.45	0.00	1.50
14	1	7	75	13.2	214.9	27.71	12.74	17.91	17.4	208.2	26.03	21.6	221.0	1.39	0.00	999.00
15	1	7	75	12.2	203.1	27.59	12.44	15.31	15.8	205.2	26.06	17.9	217.6	1.22	0.00	1.32
16	1	7	75	9.9	199.1	27.34	12.07	13.56	11.1	196.3	26.09	12.5	211.4	1.09	0.00	1.10
17	1	7	75	9.9	188.5	27.16	12.12	11.67	13.0	180.3	26.11	12.9	189.3	0.79	0.00	0.85
18	1	7	75	8.6	199.1	26.59	12.04	11.13	10.7	201.0	25.97	12.7	212.4	0.37	0.00	0.59
19	1	7	75	5.8	254.5	24.93	13.46	12.73	6.9	230.1	24.64	11.4	225.2	-0.32	0.00	0.29
20	1	7	75	10.6	254.3	24.10	15.75	5.38	11.2	241.2	24.72	12.2	241.2	-1.35	0.00	0.09
21	1	7	75	10.0	250.8	24.44	15.49	2.91	9.6	236.9	24.77	10.2	239.3	-1.00	0.00	0.04
22	1	7	75	7.7	240.5	24.08	15.52	3.56	7.9	220.5	24.66	8.3	223.3	-1.12	0.00	0.03
23	1	7	75	6.8	245.9	24.98	15.39	2.83	5.9	241.1	24.63	5.7	248.6	-0.12	0.00	0.03

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
0	2	7	75	10.4	251.8	24.55	15.15	2.78	8.8	240.9	24.65	8.6	246.5	-0.66	0.00	0.03
1	2	7	75	4.3	300.7	19.47	17.26	8.14	4.1	319.6	19.15	3.7	6.5	-1.37	0.00	0.03
2	2	7	75	8.2	250.3	22.56	16.17	3.62	8.5	239.5	22.60	9.0	231.4	-0.96	0.00	0.03
3	2	7	75	5.5	212.3	21.52	16.61	6.82	5.9	196.5	21.44	5.6	182.1	-0.73	0.00	0.03
4	2	7	75	4.0	241.1	21.44	16.84	11.46	5.5	224.3	20.95	7.4	223.2	-0.37	0.00	0.03
5	2	7	75	1.5	198.5	21.31	17.23	5.24	1.9	200.8	20.19	2.5	199.9	-0.05	0.00	0.04
6	2	7	75	2.2	312.3	19.09	14.88	6.99	2.2	310.2	19.22	2.0	65.5	-0.49	0.00	0.16
7	2	7	75	3.0	17.7	20.88	12.32	18.06	2.7	17.4	21.11	2.6	51.3	0.68	0.00	0.48
8	2	7	75	4.2	86.7	22.46	12.88	11.15	4.2	81.1	21.84	4.4	104.2	0.58	0.00	0.70
9	2	7	75	5.7	203.4	24.57	14.08	19.91	6.4	193.4	23.64	7.4	201.3	0.87	0.00	0.95
10	2	7	75	5.5	249.2	25.55	13.84	21.77	6.2	237.2	24.43	7.4	243.3	0.97	0.00	1.17
11	2	7	75	6.0	241.3	26.53	13.69	21.88	6.2	219.3	25.23	7.0	229.6	1.18	0.00	1.34
12	2	7	75	7.2	186.3	27.00	12.69	16.50	8.9	179.6	25.59	8.9	193.0	1.11	0.00	1.45
13	2	7	75	7.2	186.0	27.69	11.61	20.88	8.3	190.2	26.46	9.3	188.9	1.06	0.00	1.42
14	2	7	75	8.9	243.0	28.07	11.74	17.09	9.5	234.1	26.81	9.7	234.9	1.00	0.00	1.39
15	2	7	75	7.8	223.3	28.24	11.54	17.54	9.0	203.5	27.00	9.9	215.7	1.07	0.00	1.24
16	2	7	75	11.6	34.3	25.20	14.85	10.01	14.2	31.0	24.51	14.8	38.0	0.46	0.00	0.46
17	2	7	75	8.5	261.4	24.20	15.84	11.91	10.2	262.5	23.37	11.8	267.6	0.53	0.00	0.16
18	2	7	75	4.5	58.9	22.53	15.99	17.71	5.6	48.0	22.04	6.6	60.9	0.12	0.00	0.14
19	2	7	75	6.7	50.2	19.09	21.67	13.75	9.5	41.6	19.23	10.8	49.8	-0.86	0.00	0.08
20	2	7	75	3.1	120.0	18.79	20.68	9.56	4.0	81.7	18.41	6.2	92.9	-0.14	0.00	0.06
21	2	7	75	1.9	190.0	18.38	21.72	9.57	3.0	173.9	17.86	4.5	158.6	-0.14	0.00	0.04
22	2	7	75	3.6	210.2	18.12	22.48	7.62	4.2	186.7	17.73	4.7	178.6	-0.18	0.00	0.03
23	2	7	75	6.6	242.0	17.65	22.56	9.54	8.5	215.3	17.89	11.3	210.3	-1.19	0.00	0.03

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
++	++	++	++													
0	3	7	75	5.4	242.1	17.76	22.02	17.34	6.9	225.5	17.43	14.1	219.3	-0.41	0.00	0.03
1	3	7	75	2.9	256.2	16.70	23.89	22.19	4.5	145.2	16.64	6.9	151.3	-1.01	0.00	0.03
2	3	7	75	3.2	65.0	15.60	23.88	14.49	5.2	76.8	15.39	6.5	106.4	-0.87	0.00	0.03
3	3	7	75	3.6	217.2	15.39	25.04	7.77	3.0	183.1	15.13	3.7	164.3	-0.59	0.00	0.03
4	3	7	75	3.8	221.2	15.80	25.47	7.90	4.1	201.9	15.56	4.9	179.6	-0.59	0.00	0.03
5	3	7	75	5.7	239.9	15.97	23.79	7.90	6.6	214.9	16.24	9.9	209.1	-1.26	0.00	0.04
6	3	7	75	4.5	185.6	16.61	19.37	7.97	6.1	175.5	16.56	7.9	174.3	-0.20	0.00	0.15
7	3	7	75	2.9	109.3	17.56	15.24	12.84	2.9	104.7	17.32	2.8	121.9	0.59	0.00	0.42
8	3	7	75	1.4	185.5	18.27	17.86	13.24	1.5	158.9	17.93	1.8	144.8	0.54	0.00	0.37
9	3	7	75	8.1	279.0	20.90	17.80	12.99	9.1	271.2	19.31	9.5	276.4	0.89	0.00	0.84
10	3	7	75	7.6	260.8	21.71	16.67	12.31	8.4	262.9	20.65	8.6	259.9	0.81	0.00	1.09
11	3	7	75	7.8	237.0	22.54	16.68	15.33	8.1	227.6	21.19	8.1	235.8	1.04	0.00	1.29
12	3	7	75	10.8	187.9	23.12	15.39	13.91	12.2	183.6	21.72	12.4	189.3	1.04	0.00	1.26
13	3	7	75	7.3	198.8	24.29	13.77	21.39	8.0	199.3	22.86	9.1	208.2	1.21	0.00	1.46
14	3	7	75	7.4	148.3	24.35	13.89	14.91	8.1	147.3	23.17	7.8	159.5	0.90	0.00	1.26
15	3	7	75	7.4	205.5	25.05	12.92	16.97	8.6	199.5	23.79	9.5	205.5	1.12	0.00	1.28
16	3	7	75	7.8	239.4	25.25	12.42	13.83	8.4	232.6	24.15	9.3	235.7	1.06	0.00	1.11
17	3	7	75	9.7	256.8	24.85	14.21	9.47	10.2	249.4	23.92	10.8	249.4	0.82	0.00	0.75
18	3	7	75	4.6	267.9	23.76	14.91	9.37	5.6	273.7	23.21	6.1	283.2	0.48	0.00	0.43
19	3	7	75	4.7	253.8	21.65	18.05	16.19	6.8	222.6	21.50	9.6	216.1	-0.56	0.00	0.19
20	3	7	75	6.2	289.6	18.08	23.40	12.21	6.7	298.5	17.51	6.7	312.3	0.28	0.00	0.07
21	3	7	75	7.7	73.8	17.84	23.22	11.16	8.7	60.8	17.47	9.2	51.6	-0.09	0.00	0.04
22	3	7	75	1.5	152.1	17.95	24.74	22.64	1.6	125.4	16.94	2.8	105.5	0.24	0.00	0.04
23	3	7	75	2.9	31.8	16.86	28.71	11.62	3.5	38.6	16.19	4.3	69.1	0.17	0.00	0.04

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
++	++	++	++													
0	4	7	75	4.2	292.2	15.86	35.04	5.88	3.1	321.1	15.50	2.3	351.5	-0.39	0.00	0.04
1	4	7	75	5.3	249.6	16.81	32.99	4.38	5.1	245.2	16.52	4.4	236.1	-0.11	0.00	0.03
2	4	7	75	3.6	83.0	15.82	30.80	8.91	4.3	93.2	16.07	5.5	137.1	-1.09	0.00	0.03
3	4	7	75	3.7	245.3	14.24	49.62	6.68	2.0	252.6	12.77	2.0	269.6	0.05	0.00	0.03
4	4	7	75	4.3	247.1	15.62	47.45	6.03	2.8	252.4	14.89	2.0	248.6	0.20	0.00	0.03
5	4	7	75	3.9	234.4	15.95	44.02	6.21	3.2	226.7	15.44	2.5	205.6	-0.06	0.00	0.04
6	4	7	75	2.3	31.6	16.06	27.24	11.04	1.4	284.0	16.56	1.7	231.2	-0.51	0.00	0.15
7	4	7	75	2.7	104.4	16.70	19.03	12.71	2.7	103.2	16.59	2.2	134.4	0.62	0.00	0.39
8	4	7	75	3.4	160.6	19.35	16.01	13.26	3.4	162.4	18.81	3.2	163.9	0.71	0.00	0.67
9	4	7	75	3.1	82.6	22.02	19.10	14.23	4.0	79.2	19.87	4.2	92.1	0.54	0.00	999.00
10	4	7	75	3.0	306.0	23.40	17.52	12.72	4.2	216.0	20.21	3.9	999.0	0.64	0.00	999.00
11	4	7	75	8.1	266.4	23.04	18.14	14.23	9.9	255.6	21.02	9.5	280.8	0.60	0.00	999.00
12	4	7	75	6.2	298.8	24.18	17.61	14.23	7.5	298.8	21.26	7.8	302.4	1.01	0.00	999.00
13	4	7	75	6.9	244.8	23.57	19.20	14.23	8.9	262.8	22.59	8.2	226.8	0.60	0.00	999.00
14	4	7	75	8.2	215.7	20.19	20.15	14.23	11.2	212.4	22.95	16.9	219.6	0.45	0.00	999.00
15	4	7	75	8.2	204.0	20.24	20.36	13.30	11.0	201.3	19.34	13.6	212.7	0.79	999.00	0.56
16	4	7	75	8.0	238.3	23.29	15.80	16.49	8.9	227.6	22.23	10.1	229.6	1.02	0.00	0.79
17	4	7	75	7.1	261.2	22.84	15.24	10.25	7.8	254.6	22.04	8.1	259.4	0.70	0.00	0.68
18	4	7	75	6.7	250.0	22.14	17.14	6.58	7.4	249.7	21.64	8.5	257.1	0.32	0.00	0.35
19	4	7	75	5.3	263.1	21.50	17.00	9.16	7.6	274.0	21.72	8.2	288.1	-0.57	0.00	0.24
20	4	7	75	8.3	282.2	20.78	18.93	4.36	9.5	295.3	21.37	9.4	306.5	-1.35	0.00	0.08
21	4	7	75	4.1	284.1	20.17	20.89	5.06	3.8	301.1	19.94	3.6	312.4	-0.39	0.01	0.04
22	4	7	75	4.3	306.3	17.78	26.09	12.57	4.7	339.6	17.55	5.6	2.6	-0.49	0.00	0.04
23	4	7	75	1.5	283.2	17.34	34.01	17.91	1.5	314.6	15.84	2.7	143.3	0.09	0.00	0.04

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
0	5	7	75	8.4	245.3	17.44	32.02	3.55	7.7	235.2	17.19	7.7	230.7	-0.21	0.00	0.04
1	5	7	75	6.9	243.2	19.12	26.41	3.52	6.5	239.8	18.75	6.2	247.7	-0.05	0.00	0.03
2	5	7	75	5.9	21.3	14.87	34.49	15.44	8.1	16.7	14.62	10.2	23.7	-0.16	0.00	0.04
3	5	7	75	3.8	285.7	14.45	46.64	9.43	3.7	340.2	14.26	5.6	39.0	-0.84	0.00	0.04
4	5	7	75	4.3	248.6	15.26	45.63	6.75	2.6	258.8	14.61	1.7	271.5	-0.22	0.00	0.03
5	5	7	75	2.8	251.8	15.96	44.91	3.99	2.2	256.4	14.88	1.8	250.0	0.19	0.00	0.04
6	5	7	75	2.0	353.2	14.35	39.25	29.58	3.2	28.5	14.12	5.3	49.9	-0.31	0.00	0.11
7	5	7	75	1.8	40.9	15.73	18.42	23.39	1.7	23.6	16.69	1.5	71.2	0.69	0.00	0.39
8	5	7	75	2.5	43.8	16.01	15.74	29.25	2.9	19.4	18.57	3.0	33.9	0.68	0.00	0.67
9	5	7	75	7.1	64.4	18.31	20.51	10.36	7.4	56.8	17.31	7.6	68.6	0.92	0.00	0.75
10	5	7	75	3.2	39.9	18.95	18.75	22.69	3.4	46.6	18.57	4.1	65.1	0.66	0.00	0.68
11	5	7	75	4.9	28.6	20.62	16.74	21.99	4.7	24.0	19.74	4.6	28.0	0.89	0.00	1.04
12	5	7	75	4.2	94.5	22.05	16.31	29.01	4.5	81.1	21.08	4.8	79.5	0.86	0.00	1.19
13	5	7	75	7.9	5.4	22.56	15.99	24.04	8.7	357.6	21.47	9.1	1.8	0.93	0.00	1.14
14	5	7	75	5.1	121.8	24.24	12.76	24.27	5.2	79.7	23.54	5.3	48.2	1.10	0.00	1.42
15	5	7	75	5.7	51.7	24.82	12.93	24.33	6.1	34.4	23.72	6.2	43.1	1.07	0.00	1.23
16	5	7	75	4.7	328.1	24.27	14.02	20.95	5.0	316.2	23.62	4.9	312.6	0.65	0.00	0.65
17	5	7	75	5.4	329.2	23.92	15.50	11.36	6.4	326.2	23.27	7.0	331.4	0.50	0.00	0.34
18	5	7	75	10.4	312.0	21.15	20.12	8.08	12.6	306.7	21.09	14.4	311.9	0.30	0.00	0.20
19	5	7	75	12.5	332.8	20.85	21.76	11.12	15.4	326.0	20.56	17.2	331.4	-0.09	0.00	0.17
20	5	7	75	17.5	53.4	18.20	26.25	9.29	20.9	47.1	17.63	23.2	54.7	0.38	0.00	0.06
21	5	7	75	4.6	57.3	16.74	37.08	15.20	6.5	55.7	16.47	8.1	65.7	0.10	0.00	0.04
22	5	7	75	1.9	117.3	16.38	40.41	17.94	2.6	66.1	15.71	4.2	59.9	0.17	0.00	0.04
23	5	7	75	3.5	254.5	16.06	40.22	7.08	2.7	282.4	15.45	1.6	258.3	-0.31	0.00	0.04

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
0	6	7	75	3.9	246.9	16.48	38.66	6.96	2.8	253.5	16.02	2.0	157.9	-0.24	0.00	0.04
1	6	7	75	5.3	229.5	16.09	38.79	4.25	5.0	213.0	15.75	4.5	139.6	-0.17	0.00	0.03
2	6	7	75	3.0	353.0	15.59	36.37	29.74	3.2	34.4	15.16	4.3	57.3	-0.34	0.00	0.03
3	6	7	75	3.3	268.3	13.16	66.73	7.80	2.8	296.9	12.59	2.2	330.0	-0.33	0.00	0.03
4	6	7	75	4.2	279.6	14.50	56.40	3.76	3.8	289.4	13.79	3.1	301.6	-0.10	0.00	0.03
5	6	7	75	3.9	302.4	14.04	55.99	5.02	4.4	319.7	13.68	4.2	343.2	-0.66	0.00	0.04
6	6	7	75	1.4	58.0	14.87	28.07	13.00	2.7	44.7	15.24	4.6	56.0	0.04	0.00	0.14
7	6	7	75	4.0	84.2	14.70	22.09	8.95	4.2	70.9	14.42	4.2	74.7	0.55	0.00	0.38
8	6	7	75	3.9	70.7	15.92	23.26	10.37	4.4	66.4	15.35	4.7	69.1	0.74	0.00	0.66
9	6	7	75	5.9	31.3	17.71	29.22	20.90	6.2	25.9	16.76	6.4	35.6	0.79	0.00	0.94
10	6	7	75	6.6	17.2	19.45	24.66	26.06	7.2	12.0	18.18	7.2	29.8	1.07	0.00	1.16
11	6	7	75	6.8	44.9	20.96	20.35	15.82	7.5	34.0	19.88	7.8	43.3	1.06	0.00	1.34
12	6	7	75	5.9	66.5	22.73	16.78	22.06	5.6	49.1	21.57	6.1	65.1	1.14	0.00	1.44
13	6	7	75	5.6	19.7	23.74	14.79	27.12	6.0	359.9	22.62	6.0	25.1	1.08	0.00	1.47
14	6	7	75	7.2	36.0	24.91	12.93	22.61	7.9	30.6	23.70	8.2	39.5	1.16	0.00	1.42
15	6	7	75	6.7	41.1	25.18	13.41	20.55	7.7	34.6	23.89	8.4	50.4	1.24	0.00	1.28
16	6	7	75	8.9	5.6	25.33	13.38	26.92	9.9	0.2	24.08	10.3	8.9	1.04	0.00	1.00
17	6	7	75	9.2	354.7	25.57	13.56	30.69	10.0	348.9	24.51	10.4	356.0	0.94	0.00	0.84
18	6	7	75	9.7	1.0	24.94	14.15	27.04	10.5	357.8	24.11	11.2	357.2	0.71	0.00	0.53
19	6	7	75	7.5	323.6	22.83	15.87	4.41	9.0	332.9	23.01	10.0	350.7	-0.69	0.00	0.23
20	6	7	75	7.3	297.2	20.32	18.50	6.31	8.3	320.8	21.29	8.8	354.6	-1.92	0.00	0.07
21	6	7	75	5.8	293.9	19.03	17.91	6.62	5.6	311.0	21.24	5.8	353.2	-0.74	0.00	0.04
22	6	7	75	4.9	292.2	10.12	17.55	5.49	4.6	303.5	21.29	3.6	349.3	-0.36	0.00	0.03
23	6	7	75	4.8	293.7	13.88	17.83	5.53	4.8	314.4	21.02	3.8	358.2	-0.73	0.00	0.03

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
0	7	7	75	3.7	295.4	10.00	18.12	4.81	2.8	324.2	20.81	2.5	48.0	-0.57	0.00	0.03
1	7	7	75	4.6	250.1	10.17	18.84	4.25	3.7	240.1	20.12	2.3	249.3	-0.09	0.00	0.03
2	7	7	75	2.5	267.5	8.97	19.18	5.36	2.5	287.5	20.07	2.0	287.5	0.09	0.00	0.03
3	7	7	75	1.8	307.6	5.73	21.26	11.49	2.7	353.5	16.63	3.7	47.9	-0.37	0.00	0.03
4	7	7	75	3.2	222.9	12.23	22.89	9.59	2.1	216.7	17.72	1.3	276.5	-0.25	0.00	0.03
5	7	7	75	1.1	216.4	11.64	23.92	12.62	1.1	306.4	16.18	1.3	71.2	-0.59	0.00	0.04
6	7	7	75	5.2	274.8	12.10	19.80	4.01	4.6	274.5	19.06	3.4	275.4	-0.81	0.00	0.14
7	7	7	75	3.2	32.2	11.22	15.76	15.83	3.0	9.7	19.44	3.2	335.1	-0.21	0.00	0.37
8	7	7	75	3.3	63.3	10.27	15.79	15.35	3.7	55.5	19.78	3.4	59.7	0.63	0.00	0.65
9	7	7	75	3.7	78.1	12.41	17.11	17.07	4.0	68.9	21.45	4.0	82.3	0.85	0.00	0.92
10	7	7	75	7.4	64.1	22.79	16.24	12.77	8.0	57.2	22.80	8.4	67.7	0.87	0.00	1.15
11	7	7	75	7.0	67.3	23.86	15.53	14.66	7.4	62.7	23.94	8.5	67.8	1.04	0.00	1.33
12	7	7	75	7.1	65.7	24.81	13.76	16.52	8.2	54.5	24.99	8.4	61.8	1.07	0.00	1.33
13	7	7	75	6.0	41.3	25.20	12.54	19.11	6.7	34.5	25.48	7.5	43.5	1.07	0.00	1.42
14	7	7	75	9.1	49.4	25.54	12.58	18.26	9.9	43.2	25.78	10.8	49.4	0.98	0.00	1.23
15	7	7	75	11.7	41.4	24.31	14.69	9.12	13.4	34.8	24.95	14.0	36.6	0.82	0.00	0.72
16	7	7	75	7.6	60.2	25.14	12.15	14.31	8.5	52.8	25.71	9.2	57.0	0.92	0.00	1.01
17	7	7	75	10.4	31.6	24.65	13.72	11.08	11.4	28.8	25.41	12.1	32.8	0.84	0.00	0.70
18	7	7	75	9.2	28.4	23.66	14.83	8.97	11.5	24.0	24.75	12.7	35.4	0.38	0.00	0.37
19	7	7	75	10.5	63.3	23.08	14.66	8.05	12.5	58.9	24.33	13.8	65.1	0.20	0.00	0.21
20	7	7	75	3.7	9.4	21.10	16.96	24.56	6.2	27.1	22.59	9.0	49.2	-0.41	0.00	0.07
21	7	7	75	4.3	326.1	21.03	19.85	27.41	5.8	359.7	20.88	8.8	23.7	-0.76	0.00	0.04
22	7	7	75	4.5	297.9	20.88	23.90	10.06	3.5	339.0	20.38	5.0	34.6	-0.42	0.00	0.03
23	7	7	75	4.5	351.6	19.63	25.91	25.97	6.4	15.6	19.35	9.2	32.2	-0.37	0.00	0.03

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
0	8	7	75	10.7	348.7	17.87	26.41	29.66	13.2	356.4	17.83	16.6	9.6	-0.66	0.00	0.03
1	8	7	75	2.1	87.1	17.65	27.66	22.74	4.0	55.2	17.00	5.7	46.7	0.05	0.00	0.03
2	8	7	75	2.3	343.5	16.74	38.60	28.96	3.1	1.5	15.99	5.0	24.6	0.17	0.00	0.03
3	8	7	75	2.4	318.1	15.98	45.63	11.21	2.6	348.1	15.25	3.9	38.4	-0.09	0.00	0.03
4	8	7	75	4.8	289.3	15.85	49.35	5.01	4.2	303.8	15.40	3.7	356.6	-0.05	0.00	0.03
5	8	7	75	2.4	334.3	14.99	54.70	15.95	2.9	5.7	14.33	4.1	21.2	-0.27	0.00	0.03
6	8	7	75	2.9	303.6	15.42	35.67	7.34	3.2	324.5	15.04	2.9	351.9	0.17	0.00	0.15
7	8	7	75	1.0	62.6	16.86	21.26	21.74	0.9	314.3	16.99	1.1	265.6	0.67	0.00	0.30
8	8	7	75	1.9	46.7	17.47	23.78	12.56	1.6	22.9	17.31	1.6	42.2	0.56	0.00	0.33
9	8	7	75	3.7	52.0	20.30	21.12	20.60	3.9	48.8	19.80	4.3	49.6	0.73	0.00	0.67
10	8	7	75	3.9	64.0	21.77	19.86	21.28	4.9	64.1	20.97	5.9	57.8	0.81	0.00	1.14
11	8	7	75	5.2	27.4	23.90	17.98	25.90	5.5	24.1	22.75	6.1	20.5	0.95	0.00	1.31
12	8	7	75	8.5	10.5	24.13	17.57	20.48	9.2	4.3	23.23	10.2	5.4	0.75	0.00	0.81
13	8	7	75	7.9	6.1	24.44	16.86	20.65	8.6	359.6	23.58	8.8	5.6	0.76	0.00	0.72
14	8	7	75	11.7	199.3	18.49	23.45	10.15	15.3	193.5	19.19	18.9	201.6	-1.03	0.00	0.24
15	8	7	75	8.4	235.1	21.01	26.79	5.58	9.4	223.7	20.72	9.5	207.5	-0.66	0.00	0.21
16	8	7	75	7.7	234.6	21.98	23.08	5.01	8.8	221.4	21.86	8.4	206.2	-0.66	0.00	0.14
17	8	7	75	7.1	260.2	22.40	22.41	6.16	8.3	267.8	22.13	8.3	283.4	-0.44	0.00	999.00
18	8	7	75	13.0	326.8	20.38	25.65	15.46	15.5	321.2	19.85	16.4	328.7	0.27	0.00	999.00
19	8	7	75	14.3	347.9	19.78	26.51	26.15	16.7	344.4	19.32	18.3	355.2	0.15	0.00	999.00
20	8	7	75	4.2	278.7	19.19	26.26	11.01	4.3	309.3	18.84	4.4	344.6	-0.13	0.00	999.00
21	8	7	75	1.8	166.6	17.84	30.73	18.45	3.1	45.7	17.27	3.9	49.6	0.01	0.00	999.00
22	8	7	75	6.8	253.9	17.59	33.20	4.34	6.7	207.1	17.65	6.7	193.8	-0.62	0.00	999.00
23	8	7	75	9.3	230.3	18.05	31.47	5.53	11.1	214.4	18.14	11.6	209.2	-0.60	0.00	999.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
0	9	7	75	6.5	257.8	18.47	27.04	8.41	6.7	239.3	18.39	8.9	208.6	-0.61	0.00	999.00
1	9	7	75	10.1	289.1	14.32	55.15	9.47	13.1	294.8	16.82	15.8	308.9	-3.65	0.00	999.00
2	9	7	75	6.7	167.2	14.64	75.81	13.11	8.6	173.2	14.49	11.7	194.3	-0.41	0.00	999.00
3	9	7	75	6.2	188.1	14.75	76.39	9.91	7.2	181.5	14.47	8.7	183.6	-0.40	0.00	999.00
4	9	7	75	9.9	234.6	14.03	78.85	12.93	12.7	215.1	13.92	16.6	213.7	-1.07	0.00	999.00
5	9	7	75	8.0	230.3	13.93	76.78	12.54	12.4	207.1	14.25	15.3	201.4	-1.23	0.00	999.00
6	9	7	75	8.8	248.6	15.67	71.56	6.14	10.3	239.2	15.57	11.8	237.7	-0.28	0.00	999.00
7	9	7	75	13.4	247.5	16.26	59.48	6.22	16.6	245.2	16.14	18.6	247.8	-0.46	0.00	999.00
8	9	7	75	4.6	219.2	17.69	45.81	16.64	4.9	219.1	17.14	6.3	222.6	0.61	0.00	999.00
9	9	7	75	2.9	176.6	18.64	29.66	12.89	2.9	174.9	18.26	2.4	174.1	0.57	0.00	999.00
10	9	7	75	3.7	91.2	20.50	24.39	24.12	4.1	62.5	20.26	4.5	83.2	0.77	0.00	999.00
11	9	7	75	6.9	265.2	21.40	21.55	12.02	7.3	256.9	20.57	7.4	254.0	0.75	0.00	999.00
12	9	7	75	4.1	185.5	22.47	16.15	22.89	3.9	210.2	21.71	4.1	263.4	0.86	0.00	999.00
13	9	7	75	4.4	270.7	22.81	16.04	15.98	4.8	268.0	21.92	4.6	266.7	0.90	0.00	999.00
14	9	7	75	7.2	194.3	20.63	24.83	14.84	9.2	194.6	20.20	11.7	210.4	0.42	0.00	999.00
15	9	7	75	5.7	99.8	18.88	32.73	12.51	6.2	83.9	18.16	7.8	88.4	0.46	0.00	999.00
16	9	7	75	6.0	181.2	21.00	23.95	9.31	7.1	180.5	20.14	6.8	188.4	0.73	0.00	999.00
17	9	7	75	3.2	180.2	21.99	23.17	9.78	3.6	170.9	21.33	3.6	184.5	0.57	0.01	999.00
18	9	7	75	15.3	30.1	18.82	48.22	8.78	17.7	24.0	18.15	18.3	32.0	0.50	0.00	999.00
19	9	7	75	9.0	39.0	16.49	63.89	12.61	10.5	33.0	15.64	11.4	39.0	0.50	0.00	999.00
20	9	7	75	4.2	214.9	15.49	72.54	5.53	4.6	200.6	14.91	4.8	199.3	0.16	0.00	999.00
21	9	7	75	4.3	267.1	15.21	76.10	5.23	3.6	254.7	14.64	2.8	215.7	-0.27	0.00	999.00
22	9	7	75	5.7	221.5	16.10	70.85	4.93	5.8	203.6	16.07	5.7	190.5	-0.39	0.00	999.00
23	9	7	75	7.3	234.1	16.38	63.99	5.02	8.0	220.7	16.38	8.3	211.7	-0.42	0.00	999.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
++	++	++	++													
0	10	7	75	2.4	204.6	15.37	66.53	17.73	2.5	149.7	15.17	3.5	134.2	-0.55	0.00	999.00
1	10	7	75	4.8	233.9	15.64	70.14	4.26	4.3	219.1	15.07	3.7	211.2	0.01	0.00	999.00
2	10	7	75	2.3	322.0	15.26	69.12	15.65	1.5	9.1	14.14	2.2	76.1	-0.54	0.00	999.00
3	10	7	75	1.4	250.8	15.49	73.85	8.83	1.4	224.0	13.99	1.6	274.0	-0.11	0.00	999.00
4	10	7	75	4.5	22.7	13.26	73.50	9.70	4.9	29.5	12.97	5.6	38.9	-0.59	0.00	999.00
5	10	7	75	3.8	269.4	13.17	78.49	5.29	3.6	280.6	12.59	1.6	272.2	0.01	0.00	999.00
6	10	7	75	4.0	292.6	12.92	66.32	6.04	4.1	305.4	12.54	3.3	342.2	0.11	0.00	999.00
7	10	7	75	3.1	39.7	15.60	28.95	18.43	3.1	15.1	15.60	2.8	12.7	0.67	0.00	999.00
8	10	7	75	3.0	41.9	16.83	22.20	14.69	3.3	47.9	16.75	3.5	54.0	0.64	0.00	999.00
9	10	7	75	4.2	71.9	17.54	32.88	14.91	4.4	61.4	16.89	4.8	67.7	0.70	0.00	999.00
10	10	7	75	6.4	60.5	19.53	24.52	16.15	6.8	54.4	18.60	7.2	59.2	0.95	0.00	999.00
11	10	7	75	6.5	51.1	21.28	22.07	16.71	7.1	43.4	20.03	7.6	57.9	1.16	0.00	999.00
12	10	7	75	8.0	60.8	21.74	18.96	11.91	9.1	53.9	20.39	1.0	58.7	1.19	0.00	999.00
13	10	7	75	7.1	54.3	22.96	16.51	14.65	8.0	43.9	21.54	9.1	51.8	1.24	0.00	999.00
14	10	7	75	9.4	68.9	23.45	14.05	11.56	10.4	58.6	22.19	11.2	60.3	1.00	0.00	999.00
15	10	7	75	10.5	6.0	23.23	15.37	26.94	11.2	2.1	22.23	11.4	359.6	0.83	0.00	999.00
16	10	7	75	8.0	25.7	24.42	13.09	19.33	8.6	19.1	23.37	9.2	30.2	0.90	0.00	999.00
17	10	7	75	11.0	39.3	23.58	14.58	8.41	13.3	32.9	22.81	13.9	39.4	0.61	0.00	999.00
18	10	7	75	10.6	44.8	22.46	17.54	7.44	12.2	38.1	21.82	13.0	46.9	0.40	0.00	999.00
19	10	7	75	4.3	33.5	21.62	19.13	9.12	6.6	39.2	21.28	8.2	51.5	-0.06	0.00	999.00
20	10	7	75	8.4	17.1	20.30	22.01	13.49	11.0	19.9	20.23	13.5	32.0	-0.43	0.00	999.00
21	10	7	75	8.3	17.4	19.30	21.51	20.56	11.5	19.6	19.49	14.7	33.3	-0.77	0.00	999.00
22	10	7	75	3.7	352.5	18.28	21.64	30.61	6.4	17.0	18.34	9.0	40.4	-0.31	0.00	999.00
23	10	7	75	3.1	310.9	18.35	22.20	14.46	3.3	357.0	17.74	6.6	29.8	-0.53	0.00	999.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
++	++	++	++													
0	11	7	75	3.5	317.1	17.36	22.19	19.29	4.5	358.8	17.13	8.1	22.2	-0.94	0.00	999.00
1	11	7	75	3.0	336.0	16.91	22.92	26.65	5.0	355.8	16.64	9.2	11.5	-0.76	0.00	999.00
2	11	7	75	2.6	328.5	17.30	23.73	18.67	4.5	17.8	17.19	6.3	40.6	-0.74	0.00	999.00
3	11	7	75	2.7	314.7	16.50	24.65	19.75	3.4	358.7	15.99	6.5	27.0	-0.36	0.00	999.00
4	11	7	75	2.8	0.3	15.91	27.45	28.27	3.7	14.8	15.31	5.9	29.1	-0.15	0.00	999.00
5	11	7	75	3.7	317.9	15.05	30.85	7.23	3.8	335.4	14.45	3.8	5.3	0.07	0.00	999.00
6	11	7	75	4.1	296.1	15.21	24.80	5.93	3.5	328.3	15.13	2.9	5.7	-0.38	0.00	999.00
7	11	7	75	3.4	56.8	16.75	14.84	15.70	3.2	56.8	16.81	3.6	79.9	0.56	0.00	999.00
8	11	7	75	3.5	62.6	17.67	15.91	12.93	3.5	56.2	17.21	3.9	75.4	0.79	0.00	999.00
9	11	7	75	7.4	79.7	18.60	18.62	12.99	8.2	72.0	17.50	8.8	77.9	0.93	0.00	999.00
10	11	7	75	7.2	81.6	20.12	17.07	14.28	7.7	72.7	18.91	8.3	85.5	1.08	0.00	999.00
11	11	7	75	5.4	92.1	20.91	16.05	20.28	5.8	59.6	19.86	6.9	71.2	0.92	0.00	999.00
12	11	7	75	8.9	40.2	22.24	14.87	20.47	9.3	41.9	20.81	9.4	48.4	1.27	0.00	0.05
13	11	7	75	7.7	76.9	22.34	14.54	14.12	8.3	62.1	21.04	8.7	66.0	1.08	0.00	0.30
14	11	7	75	8.5	39.7	22.82	14.55	20.46	10.1	41.7	21.54	10.8	50.5	0.97	0.01	0.79
15	11	7	75	10.6	48.3	23.22	14.13	10.97	11.8	36.9	22.03	11.7	44.2	1.00	0.00	1.09
16	11	7	75	11.6	46.1	23.77	12.56	12.44	12.7	37.0	22.69	13.6	45.9	1.07	0.00	1.05
17	11	7	75	13.3	40.6	23.85	12.94	9.66	14.5	34.8	22.82	15.3	44.3	1.04	0.00	0.83
18	11	7	75	12.3	51.4	23.14	13.31	7.75	13.8	43.0	22.37	14.5	49.3	0.70	0.00	0.52
19	11	7	75	8.4	57.9	21.98	15.91	7.66	10.9	52.7	21.59	11.5	62.4	0.12	0.00	0.17
20	11	7	75	6.5	29.9	19.89	18.03	7.41	9.8	34.5	19.97	12.6	48.8	-0.65	0.00	0.03
21	11	7	75	5.7	1.4	18.50	18.89	28.35	9.0	14.7	18.87	12.4	35.2	-1.16	0.00	0.01
22	11	7	75	1.2	219.3	18.37	20.19	16.18	2.1	32.9	17.37	5.7	50.6	-0.54	0.00	0.00
23	11	7	75	2.7	152.4	16.88	19.68	13.30	2.3	89.3	17.56	2.8	41.3	0.26	0.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
++	++	++	++													
0	12	7	75	4.1	306.8	17.71	20.37	6.87	3.7	330.7	16.99	5.3	348.1	-0.43	0.00	0.00
1	12	7	75	4.2	302.0	17.15	20.51	8.45	4.0	323.2	16.73	4.3	14.7	-0.44	0.00	0.00
2	12	7	75	3.1	347.7	16.28	21.64	27.67	5.1	19.9	16.26	7.6	34.7	-0.81	0.00	0.00
3	12	7	75	3.0	290.4	16.22	22.22	5.28	2.9	305.9	15.53	1.8	322.0	-0.05	0.00	0.00
4	12	7	75	2.8	290.3	15.57	25.02	4.83	1.7	307.7	13.96	1.1	341.4	-0.09	0.00	0.00
5	12	7	75	0.8	46.5	14.28	25.25	12.23	2.0	64.1	13.29	2.6	54.6	-0.30	0.00	0.00
6	12	7	75	1.5	90.3	14.09	18.67	9.42	1.6	50.1	14.17	2.2	66.4	0.16	0.00	0.13
7	12	7	75	1.6	74.2	15.34	18.03	11.83	1.8	53.9	15.14	2.2	90.2	0.56	0.00	0.31
8	12	7	75	2.7	44.7	17.50	14.67	26.26	2.8	48.5	17.56	2.9	55.5	0.66	0.00	0.59
9	12	7	75	2.7	163.0	18.42	17.08	18.70	2.5	159.8	18.66	2.3	178.6	0.77	0.00	0.85
10	12	7	75	1.5	135.5	19.09	15.27	28.49	1.4	309.1	19.36	1.7	261.5	0.63	0.00	0.56
11	12	7	75	3.1	83.4	20.10	14.38	23.53	3.5	86.7	19.77	4.1	103.9	0.72	0.00	0.59
12	12	7	75	2.9	326.9	20.87	13.90	22.45	2.9	325.6	20.48	2.9	329.2	0.89	0.00	0.65
13	12	7	75	6.1	283.5	20.08	16.83	7.73	6.5	282.0	19.31	6.7	284.8	0.69	0.00	0.48
14	12	7	75	4.3	50.0	21.56	13.89	17.28	4.3	50.0	20.75	4.7	63.1	0.77	0.00	0.84
15	12	7	75	5.4	278.1	23.06	12.99	20.77	5.7	274.4	22.09	6.2	272.1	1.00	0.00	1.17
16	12	7	75	5.9	321.1	23.36	13.78	20.98	6.5	319.4	22.10	6.6	322.0	0.97	0.00	999.00
17	12	7	75	3.5	319.5	22.75	15.21	18.47	4.2	319.6	21.96	4.4	323.9	0.73	0.00	0.50
18	12	7	75	2.7	343.7	22.61	15.57	26.18	2.9	340.5	21.94	3.0	357.7	0.58	0.00	0.24
19	12	7	75	9.9	247.4	20.38	22.03	7.24	11.6	245.4	20.05	12.2	253.2	-0.14	0.00	0.11
20	12	7	75	11.2	242.5	19.29	25.38	6.69	14.3	246.3	19.23	15.5	254.1	-0.72	0.00	0.02
21	12	7	75	11.9	253.0	19.17	25.86	7.07	15.1	251.1	19.30	16.4	259.6	-1.04	0.00	0.01
22	12	7	75	12.9	249.2	18.79	26.20	5.61	16.1	250.2	19.07	17.7	258.4	-1.19	0.00	0.01
23	12	7	75	12.2	253.0	18.46	26.42	6.86	16.5	253.5	18.77	18.8	261.3	-1.21	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
++	++	++	++													
0	13	7	75	12.7	255.4	18.08	26.65	6.38	16.6	255.0	18.23	19.0	262.1	-1.03	0.00	0.01
1	13	7	75	11.2	267.9	17.80	26.28	7.57	15.0	268.3	17.96	18.3	278.9	-0.92	0.00	0.01
2	13	7	75	4.3	243.7	16.84	28.73	13.68	6.8	254.0	16.81	10.3	265.9	-0.71	0.00	0.01
3	13	7	75	4.0	172.4	16.21	35.61	10.49	4.9	172.4	15.75	4.9	183.9	-0.20	0.00	0.01
4	13	7	75	5.8	219.4	16.36	39.93	8.91	7.0	214.7	15.91	7.8	222.1	0.14	0.00	0.01
5	13	7	75	2.0	138.2	15.32	42.66	25.46	3.1	142.2	14.94	3.2	167.6	-0.34	0.00	0.01
6	13	7	75	4.6	186.1	16.23	35.94	14.29	6.4	192.6	15.66	7.7	213.7	0.32	0.00	0.13
7	13	7	75	2.7	169.9	16.93	30.18	23.22	3.4	191.6	16.39	4.7	219.2	0.52	0.00	0.22
8	13	7	75	6.7	233.8	18.49	28.46	17.35	7.1	239.9	17.61	8.9	236.1	0.92	0.00	0.52
9	13	7	75	10.7	256.1	19.42	26.69	11.35	10.7	246.3	18.59	10.8	243.7	0.76	0.00	0.73
10	13	7	75	8.1	220.3	21.24	22.67	20.15	9.9	212.0	19.95	11.0	216.2	1.27	0.00	0.96
11	13	7	75	9.4	223.3	21.44	20.67	15.66	11.6	212.6	20.35	11.8	228.5	1.15	0.00	999.00
12	13	7	75	12.6	247.0	21.84	19.63	12.58	14.3	241.6	20.43	15.7	243.8	1.25	0.00	999.00
13	13	7	75	9.0	217.9	23.70	15.26	22.03	10.3	203.7	22.16	12.0	208.6	1.40	0.00	1.42
14	13	7	75	14.2	271.4	17.67	33.52	7.26	17.1	269.9	17.76	18.9	276.2	0.17	0.00	999.00
15	13	7	75	6.1	239.4	22.18	19.88	21.75	6.2	228.5	21.21	8.0	241.8	1.06	0.00	999.00
16	13	7	75	12.7	256.8	22.94	16.10	10.46	13.3	245.2	21.92	14.3	244.2	0.86	0.00	999.00
17	13	7	75	11.7	275.4	21.02	21.59	8.89	12.8	270.8	20.26	13.5	274.0	0.68	0.00	0.42
18	13	7	75	7.7	250.8	20.06	21.31	8.93	9.4	247.1	19.96	10.7	255.0	0.43	0.00	0.27
19	13	7	75	7.2	261.8	20.75	18.71	8.45	8.3	255.8	20.25	9.2	263.0	0.45	0.00	0.21
20	13	7	75	8.4	262.1	19.55	24.15	5.42	10.5	263.4	19.43	12.3	269.5	-0.30	0.00	0.04
21	13	7	75	11.1	277.7	18.48	27.15	6.49	14.4	276.4	18.35	16.3	284.4	-0.35	0.00	0.01
22	13	7	75	11.1	254.9	17.95	28.38	5.75	13.8	256.8	18.10	13.5	266.1	-1.17	0.00	0.01
23	13	7	75	4.2	225.8	19.21	25.08	8.70	3.3	228.3	19.32	2.8	203.1	-0.71	0.00	0.01

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
0	14	7	75	5.1	327.6	17.83	26.72	21.46	5.0	315.4	17.62	4.8	313.0	-0.41	0.00	0.01
1	14	7	75	5.1	257.7	17.23	28.06	5.74	4.8	263.8	17.11	3.6	260.4	-0.63	0.00	0.01
2	14	7	75	1.6	324.8	16.27	33.72	12.95	2.1	63.1	15.30	2.6	90.6	-0.55	0.00	0.01
3	14	7	75	5.5	237.2	16.96	33.52	4.64	4.5	217.8	16.50	3.6	208.5	-0.09	0.00	0.01
4	14	7	75	4.8	229.9	17.35	30.53	4.79	3.5	228.2	17.13	2.4	225.2	-0.45	0.00	0.01
5	14	7	75	1.6	241.5	16.13	34.65	16.18	3.2	231.2	16.37	2.2	225.8	-1.06	0.00	0.01
6	14	7	75	1.4	316.9	16.97	23.57	21.11	2.0	195.0	17.20	2.6	177.2	-0.34	0.00	0.09
7	14	7	75	2.7	135.9	17.78	15.69	14.19	2.6	122.7	17.80	2.3	138.1	0.76	0.00	0.31
8	14	7	75	2.3	167.3	19.07	15.17	22.29	3.0	146.5	18.84	3.0	160.4	0.73	0.00	0.60
9	14	7	75	4.4	126.0	20.99	17.17	12.74	4.5	119.1	20.30	4.5	135.0	0.73	0.00	0.88
10	14	7	75	5.1	112.9	22.63	15.77	19.78	5.2	109.5	21.99	5.5	125.2	0.89	0.00	1.12
11	14	7	75	3.9	332.0	21.99	17.52	28.30	4.3	323.7	21.30	3.9	337.9	0.70	0.00	0.63
12	14	7	75	6.9	283.4	23.71	16.70	17.08	7.6	276.4	22.40	7.8	282.5	1.11	0.00	1.08
13	14	7	75	11.2	98.8	16.13	22.38	7.33	13.5	84.4	20.59	12.0	89.5	999.00	0.00	0.54
14	14	7	75	5.0	104.7	24.15	11.76	16.64	5.0	96.3	23.38	5.1	104.8	0.76	0.00	1.34
15	14	7	75	6.7	126.6	24.08	13.33	11.91	7.1	120.9	23.48	7.1	123.6	0.55	0.00	0.79
16	14	7	75	6.0	202.3	19.12	24.06	14.94	7.7	205.1	21.05	11.4	216.0	-0.02	0.00	0.35
17	14	7	75	2.8	42.9	24.56	10.41	24.72	2.6	11.1	24.73	2.8	37.1	0.70	0.00	0.74
18	14	7	75	7.2	258.9	22.94	16.09	6.06	7.9	245.9	22.57	8.9	246.6	0.19	0.00	0.30
19	14	7	75	10.0	249.0	21.80	18.40	4.19	11.5	249.6	22.76	11.8	259.3	-0.80	0.00	0.07
20	14	7	75	10.5	325.6	20.68	19.12	17.76	12.6	313.6	20.31	14.3	312.7	0.17	0.00	999.00
21	14	7	75	6.0	267.1	19.65	21.58	7.06	7.3	270.6	19.42	8.0	280.2	0.00	0.00	999.00
22	14	7	75	4.4	183.6	18.68	23.76	10.40	6.1	178.8	18.37	7.9	177.9	-0.21	0.00	999.00
23	14	7	75	9.9	208.3	17.96	28.73	14.38	13.4	208.9	17.54	18.7	218.7	0.18	0.00	999.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
++	++	++	++													
0	15	7	75	7.5	178.4	17.94	26.44	13.45	11.5	173.0	17.60	13.0	164.3	0.07	0.00	999.00
1	15	7	75	8.3	203.5	17.56	25.98	14.02	10.7	193.7	17.22	13.5	208.2	0.06	0.00	999.00
2	15	7	75	7.9	221.0	17.44	26.66	18.43	11.4	213.3	17.08	16.2	222.8	-0.02	0.00	999.00
3	15	7	75	4.9	328.1	15.44	32.18	13.63	4.6	355.6	15.24	4.9	39.3	-0.65	0.00	999.00
4	15	7	75	3.1	279.7	14.59	43.36	7.18	3.2	322.8	14.18	2.2	37.1	-0.36	0.00	999.00
5	15	7	75	2.0	295.6	14.91	47.45	5.21	2.0	310.1	14.07	0.7	47.2	-0.20	0.00	999.00
6	15	7	75	2.6	239.3	16.36	33.73	16.57	3.5	229.0	15.83	4.8	218.7	-0.17	0.00	999.00
7	15	7	75	3.9	179.1	16.84	23.63	12.01	4.7	176.2	16.32	5.1	200.5	0.36	0.00	999.00
8	15	7	75	3.7	208.2	13.00	23.97	17.86	4.9	199.9	17.55	5.8	215.6	0.62	0.00	999.00
9	15	7	75	5.0	141.3	19.75	22.93	18.24	5.6	143.1	19.05	5.9	152.6	0.85	0.00	999.00
10	15	7	75	7.3	272.3	21.50	20.18	15.76	8.0	268.0	20.35	8.9	274.4	1.09	0.00	999.00
11	15	7	75	5.0	223.5	22.01	18.59	20.80	5.6	225.2	21.26	6.5	239.3	0.78	0.00	999.00
12	15	7	75	9.4	258.6	22.61	18.04	12.61	10.3	250.7	21.39	11.0	248.2	1.07	0.00	999.00
13	15	7	75	8.1	224.6	23.31	14.65	16.95	9.0	218.0	22.24	9.1	222.0	0.96	0.00	999.00
14	15	7	75	11.3	286.8	16.80	40.14	6.26	14.3	284.0	19.15	15.0	268.9	-1.30	0.00	999.00
15	15	7	75	10.1	27.9	20.56	24.04	16.42	10.3	20.9	20.06	10.1	20.3	0.96	0.00	999.00
16	15	7	75	6.0	90.1	20.72	22.83	9.78	6.6	77.5	20.08	7.1	81.3	0.63	0.00	999.00
17	15	7	75	3.1	69.8	21.47	21.68	12.62	3.5	63.1	20.63	4.2	69.6	0.66	0.00	999.00
18	15	7	75	8.9	327.9	5.82	31.85	9.44	10.8	325.9	19.48	11.9	339.0	0.12	0.00	0.12
19	15	7	75	8.3	315.5	8.84	39.39	7.88	10.8	316.4	17.58	13.4	324.8	-0.21	0.00	0.04
20	15	7	75	5.9	222.4	15.98	31.57	4.81	5.2	219.7	19.26	5.8	217.6	-0.35	0.00	999.00
21	15	7	75	1.8	93.6	17.28	43.21	11.76	2.4	88.5	16.40	3.5	107.1	-0.51	0.00	0.02
22	15	7	75	6.5	248.5	17.54	39.91	4.54	5.2	238.2	17.37	3.7	228.0	-0.27	0.00	0.01
23	15	7	75	4.9	282.7	17.68	35.02	7.03	5.0	293.4	17.77	5.3	328.3	-0.59	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
++	++	++	++													
0	16	7	75	1.2	230.0	16.93	40.11	9.90	1.4	291.9	16.06	1.9	227.4	-0.69	0.00	999.00
1	16	7	75	6.8	294.2	16.95	35.66	4.38	6.8	306.1	16.86	6.7	329.0	-0.67	0.00	999.00
2	16	7	75	4.0	147.6	15.74	39.95	0.01	4.9	124.2	15.62	6.5	132.2	-0.46	0.00	999.00
3	16	7	75	10.4	275.8	14.93	51.84	8.24	12.4	276.7	14.99	13.2	283.6	-0.67	0.00	999.00
4	16	7	75	4.1	169.5	14.26	73.21	6.25	4.9	158.7	14.11	6.0	152.6	-0.42	0.00	999.00
5	16	7	75	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	0.00	999.00
6	16	7	75	4.5	277.5	13.04	75.80	5.55	3.3	275.7	12.49	1.9	241.2	-0.20	0.00	0.04
7	16	7	75	2.6	189.4	15.47	40.37	15.86	2.6	204.7	15.05	3.2	212.7	0.50	0.00	0.30
8	16	7	75	4.1	102.1	17.00	32.53	18.48	4.6	95.1	16.73	4.7	115.5	0.71	999.00	0.55
9	16	7	75	6.6	224.0	17.57	50.86	12.41	7.8	213.0	16.57	10.6	219.4	0.93	0.00	0.16
10	16	7	75	7.3	219.2	10.14	76.99	14.18	9.2	214.3	12.85	14.6	222.1	-2.72	0.00	999.00
11	16	7	75	5.7	169.1	14.06	71.43	12.74	7.4	165.4	13.52	8.2	171.4	0.31	0.01	0.22
12	16	7	75	5.0	117.6	13.63	76.36	8.73	5.6	104.8	12.89	6.2	122.1	0.55	0.00	0.29
13	16	7	75	6.1	185.0	12.79	78.26	13.90	7.2	181.3	12.08	8.8	197.7	0.16	0.00	999.00
14	16	7	75	5.0	126.6	12.59	76.74	13.75	5.5	112.0	11.95	6.4	119.1	0.56	0.00	999.00
15	16	7	75	6.1	99.3	14.77	54.89	11.96	7.2	94.7	14.00	7.4	109.9	0.81	0.00	0.82
16	16	7	75	5.6	153.0	16.21	52.13	12.35	5.6	143.3	15.57	6.1	150.0	0.64	0.00	0.58
17	16	7	75	3.7	193.9	17.21	47.16	16.50	4.8	195.8	16.64	4.9	207.1	0.51	0.00	0.34
18	16	7	75	14.4	322.7	12.34	71.58	8.50	17.9	318.1	11.72	19.5	323.3	0.43	0.00	0.17
19	16	7	75	3.8	147.4	13.78	64.43	6.83	3.3	151.1	13.44	3.3	190.8	-0.10	0.00	0.09
20	16	7	75	12.2	281.0	11.53	80.13	9.68	14.5	277.0	9.69	17.4	282.0	0.97	0.01	0.02
21	16	7	75	7.4	133.6	10.58	80.11	9.07	9.0	118.3	10.30	9.4	122.8	-0.48	0.00	0.01
22	16	7	75	5.3	192.7	10.02	82.77	10.54	6.9	182.4	9.49	7.1	184.7	0.40	0.00	0.01
23	16	7	75	6.4	212.9	10.30	84.21	12.05	8.0	196.0	9.90	9.6	192.5	0.09	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
++	++	++	++													
0	17	7	75	4.1	228.9	12.01	77.27	9.65	4.6	209.1	11.45	5.7	199.2	0.03	0.00	0.01
1	17	7	75	2.6	350.2	11.10	77.64	28.07	3.2	248.3	11.46	6.2	216.5	-2.06	0.00	0.01
2	17	7	75	5.3	255.1	11.77	72.67	9.15	6.2	226.9	11.72	6.4	206.1	-0.86	0.00	0.01
3	17	7	75	3.5	208.5	12.20	74.95	9.22	4.6	208.4	11.71	5.7	210.4	-0.12	0.00	0.01
4	17	7	75	3.5	70.5	10.64	75.87	13.75	4.5	26.2	10.61	5.2	10.0	-0.83	0.00	0.01
5	17	7	75	2.4	184.8	11.58	78.37	15.56	4.1	174.7	11.25	5.4	194.0	-0.24	0.00	0.01
6	17	7	75	1.5	68.5	11.83	60.15	10.03	1.2	29.5	12.26	2.6	274.2	-0.10	0.00	0.10
7	17	7	75	7.8	197.3	14.84	34.69	16.76	9.4	207.9	14.37	11.8	224.6	0.33	0.00	0.32
8	17	7	75	6.7	212.0	16.57	36.45	19.22	8.2	211.4	15.77	12.0	229.0	0.92	0.00	0.62
9	17	7	75	9.6	216.8	17.62	43.81	15.32	11.2	216.5	16.63	14.3	224.6	0.99	0.00	0.91
10	17	7	75	9.4	229.8	18.68	36.15	17.50	11.4	225.4	17.55	14.4	224.1	1.15	0.00	1.14
11	17	7	75	10.1	215.9	19.53	27.34	15.78	12.4	211.8	18.16	14.1	219.8	1.39	0.00	1.30
12	17	7	75	9.9	209.9	19.94	23.35	15.27	11.3	208.6	18.49	13.0	217.5	1.28	0.00	1.40
13	17	7	75	9.6	234.6	18.52	24.01	15.54	11.8	229.3	17.97	13.1	239.8	0.63	0.00	0.67
14	17	7	75	6.5	235.4	15.93	55.17	10.74	8.5	218.0	15.72	10.2	223.2	-0.45	0.00	0.48
15	17	7	75	9.8	200.6	20.22	20.32	14.64	12.1	201.1	19.27	13.7	212.7	0.85	0.00	0.88
16	17	7	75	9.0	205.7	20.98	17.10	16.03	11.5	205.9	19.95	13.0	216.2	0.94	0.00	0.87
17	17	7	75	8.2	214.9	21.45	15.11	14.50	10.2	208.5	20.52	13.1	220.5	0.95	0.00	0.74
18	17	7	75	7.1	230.4	21.18	15.27	15.04	8.4	223.3	20.53	11.0	232.2	0.65	0.00	0.48
19	17	7	75	4.8	256.9	18.96	21.44	14.13	5.2	228.7	18.45	9.9	228.6	-0.03	0.00	0.12
20	17	7	75	7.0	253.9	18.32	25.08	8.06	7.8	226.7	18.22	10.1	215.6	-1.06	0.00	999.00
21	17	7	75	6.5	248.2	17.85	25.89	7.56	7.6	220.3	18.04	9.6	205.3	-1.38	0.00	0.02
22	17	7	75	6.6	256.7	17.44	25.13	10.26	8.0	222.2	17.51	11.6	207.2	-1.53	0.00	0.02
23	17	7	75	5.1	258.2	17.50	25.31	13.05	6.6	224.5	17.42	13.2	213.0	-1.13	0.00	0.02

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
++	++	++	++													
0	18	7	75	5.1	251.4	17.94	25.30	16.35	6.4	223.0	17.65	11.2	211.0	-0.55	0.00	0.02
1	18	7	75	4.4	230.3	18.34	24.05	24.08	7.0	210.6	18.03	14.5	219.2	-0.50	0.00	0.02
2	18	7	75	3.1	242.2	17.68	24.67	20.14	5.2	222.0	17.29	10.8	222.8	-0.38	0.00	0.02
3	18	7	75	3.7	242.8	17.00	28.42	22.28	5.8	243.3	16.54	10.6	226.6	-0.23	0.00	0.02
4	18	7	75	10.0	263.6	16.42	30.37	5.60	12.6	257.3	16.45	14.0	257.0	-0.46	0.00	0.02
5	18	7	75	3.0	259.2	15.77	33.67	20.79	5.1	247.3	15.77	8.1	257.3	-0.76	0.00	0.02
6	18	7	75	2.5	211.1	16.55	25.61	16.91	3.0	234.2	16.05	4.0	229.1	0.35	0.00	0.09
7	18	7	75	4.7	219.7	17.61	17.66	16.60	5.7	224.5	16.99	7.1	236.9	0.66	0.00	0.31
8	18	7	75	7.9	235.4	19.08	19.00	11.04	8.9	228.4	18.13	9.7	237.1	0.89	0.00	0.61
9	18	7	75	6.9	229.9	20.41	18.97	15.93	7.5	228.2	19.36	8.6	235.2	0.92	0.00	0.89
10	18	7	75	7.6	278.7	21.42	17.88	18.12	9.0	271.1	20.20	9.3	273.6	0.96	0.00	1.12
11	18	7	75	7.2	272.4	22.27	16.49	21.19	8.3	261.0	20.96	8.8	276.2	1.09	0.00	1.30
12	18	7	75	9.1	283.1	23.33	14.52	15.87	10.3	274.5	21.88	10.6	276.0	1.23	0.00	1.42
13	18	7	75	9.1	227.0	23.93	14.10	17.30	10.2	211.0	22.53	11.6	221.7	1.35	0.00	1.22
14	18	7	75	8.9	243.8	23.75	12.97	16.34	9.4	230.5	22.67	11.3	235.6	1.09	0.00	1.09
15	18	7	75	8.0	218.0	24.74	12.05	19.11	8.9	207.9	23.47	10.1	229.2	1.19	0.00	1.25
16	18	7	75	6.6	189.1	22.95	12.16	15.32	7.4	186.8	22.95	7.5	195.9	0.49	0.00	0.92
17	18	7	75	4.7	189.9	23.34	13.51	14.49	6.6	184.2	22.67	7.4	196.0	0.55	0.00	0.38
18	18	7	75	7.4	193.7	23.59	12.45	11.39	9.6	190.2	22.84	10.8	202.0	0.60	0.00	0.41
19	18	7	75	5.3	239.4	21.81	14.31	10.63	6.6	218.2	21.58	9.2	210.2	-0.26	0.00	0.18
20	18	7	75	7.8	252.7	20.23	16.99	7.03	8.7	223.4	20.26	11.9	205.0	-1.60	0.00	0.04
21	18	7	75	9.8	251.7	20.36	16.66	6.35	10.9	227.8	20.43	13.8	217.9	-1.59	0.00	0.02
22	18	7	75	10.3	252.7	20.88	16.48	4.11	11.4	242.5	20.83	12.4	234.7	-0.74	0.00	0.02
23	18	7	75	7.9	249.8	22.26	15.94	3.20	6.4	238.0	22.18	5.3	242.3	-0.38	0.00	0.02

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT30	PREC	SI
++	++	++	++													
0	19	7	75	5.1	236.0	18.52	18.72	10.42	5.1	310.6	13.14	8.0	342.5	-0.65	0.00	0.02
1	19	7	75	2.3	302.2	18.54	20.97	14.04	2.1	9.9	17.34	3.5	41.4	-0.45	0.00	0.02
2	19	7	75	5.1	288.9	17.97	22.81	3.93	5.0	303.1	17.56	4.7	325.9	-0.27	0.00	0.02
3	19	7	75	4.4	296.6	17.90	21.44	6.12	3.2	334.6	17.82	3.6	47.1	-1.01	0.00	0.02
4	19	7	75	4.0	284.6	18.33	21.62	4.18	2.5	292.0	17.62	1.2	23.0	-0.27	0.00	0.02
5	19	7	75	4.2	276.7	18.62	21.94	3.25	3.7	279.1	17.98	2.6	239.9	0.02	0.00	0.02
6	19	7	75	2.8	273.5	19.32	18.13	4.19	2.7	278.1	18.75	1.9	270.0	0.31	0.00	0.08
7	19	7	75	2.7	40.8	19.48	13.56	12.07	1.8	20.5	20.51	1.2	82.1	0.09	0.00	0.31
8	19	7	75	2.4	109.0	20.89	13.60	24.06	2.4	97.5	21.10	2.6	128.0	0.74	0.00	0.60
9	19	7	75	3.9	191.9	22.51	14.91	20.64	3.7	181.5	22.21	3.8	152.6	0.77	0.00	0.88
10	19	7	75	5.1	263.7	23.32	14.12	17.80	5.4	265.3	22.69	5.6	273.6	0.82	0.00	0.98
11	19	7	75	7.6	328.9	23.86	14.83	18.34	8.1	320.3	22.65	8.3	324.3	0.95	0.00	1.00
12	19	7	75	9.0	296.2	25.10	13.77	16.35	8.9	282.3	23.63	9.9	286.2	1.25	0.00	1.41
13	19	7	75	9.8	284.4	25.61	12.94	15.65	10.9	277.1	24.03	11.3	284.4	1.32	0.00	1.52
14	19	7	75	8.6	283.4	26.01	12.33	12.65	9.1	272.9	24.30	9.5	282.4	1.41	0.00	1.56
15	19	7	75	6.6	335.5	26.14	11.24	24.10	6.9	326.2	24.95	7.2	326.5	1.14	0.00	1.42
16	19	7	75	7.2	306.3	25.93	11.62	18.29	7.9	296.6	24.76	8.2	300.3	1.08	0.00	1.15
17	19	7	75	7.0	293.2	25.74	12.14	12.93	7.6	288.3	24.72	8.0	297.0	0.92	0.00	0.84
18	19	7	75	7.0	326.5	25.57	12.47	10.87	8.2	321.8	24.72	8.8	328.4	0.79	0.00	0.48
19	19	7	75	4.6	301.6	24.26	13.34	5.77	5.0	323.4	24.11	5.4	339.2	-0.20	0.00	0.24
20	19	7	75	7.4	290.7	23.45	15.00	3.51	6.3	302.2	23.51	5.9	315.6	-0.64	0.00	0.05
21	19	7	75	7.6	290.6	21.73	15.52	5.19	8.3	308.3	22.37	8.7	339.9	-1.99	0.00	0.03
22	19	7	75	4.7	290.8	19.91	17.64	13.86	5.6	326.6	19.85	9.4	2.8	-1.20	0.00	0.03
23	19	7	75	2.1	277.4	20.96	18.61	7.99	1.9	302.6	20.06	1.0	309.0	-0.05	0.00	0.03

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	50 - METER LEVEL WS50	WDR50	DT50	PREC	SI
0	20	7	75	2.5	273.8	21.15	18.26	3.35	2.2	222.2	20.12	1.6	297.9	0.23	0.00	0.08
1	20	7	75	3.8	288.2	21.12	18.24	4.15	3.6	299.3	20.35	3.2	317.7	0.20	0.00	0.16
2	20	7	75	4.3	302.0	20.33	18.12	6.69	4.2	324.3	19.69	5.3	12.3	-0.43	0.00	0.04
3	20	7	75	5.7	305.6	19.08	18.86	8.85	6.0	318.0	18.66	7.5	350.0	-0.60	0.00	0.02
4	20	7	75	5.9	295.0	19.13	19.32	6.48	5.8	308.9	19.03	5.8	336.8	-0.49	0.00	0.02
5	20	7	75	5.7	314.0	18.56	19.53	6.09	6.7	325.4	18.31	7.2	356.2	-0.70	0.00	0.02
6	20	7	75	3.2	328.9	18.09	20.27	8.70	4.1	333.5	17.75	4.8	349.5	-0.11	0.00	0.02
7	20	7	75	1.5	326.0	18.77	17.86	17.28	1.8	332.8	18.13	2.7	353.5	0.42	0.00	0.23
8	20	7	75	3.6	46.7	19.12	16.56	7.18	3.7	25.9	18.89	3.8	20.2	0.05	0.00	0.28
9	20	7	75	4.1	86.7	20.60	17.62	15.40	4.5	81.4	19.96	4.8	91.3	0.67	0.00	0.82
10	20	7	75	5.8	96.3	22.29	15.65	16.38	6.8	88.7	21.24	7.3	95.3	0.93	0.00	1.14
11	20	7	75	7.1	93.5	23.85	14.76	14.13	8.0	84.2	22.54	8.7	93.2	1.10	0.00	1.32
12	20	7	75	4.4	122.7	23.90	14.53	11.62	4.8	122.7	23.14	4.6	125.5	0.62	0.00	0.65
13	20	7	75	3.8	168.4	24.37	13.74	24.94	4.7	155.1	23.64	5.4	177.7	0.77	0.00	0.42
14	20	7	75	19.0	290.4	25.47	15.27	9.71	23.1	283.7	22.16	25.5	290.1	3.08	0.00	0.39
15	20	7	75	12.8	273.6	25.40	12.77	10.62	13.9	265.0	24.07	15.0	271.9	0.93	0.00	1.09
16	20	7	75	6.4	297.4	26.12	11.24	19.14	7.3	292.7	24.91	7.7	294.8	1.32	0.00	1.06
17	20	7	75	18.2	18.2	23.34	14.46	10.66	20.2	11.8	22.51	21.7	18.8	0.68	0.00	0.63
18	20	7	75	12.6	37.3	21.43	16.39	8.12	14.7	30.5	20.64	15.7	40.9	0.67	0.00	0.31
19	20	7	75	7.8	89.1	20.70	15.45	8.99	9.6	79.0	20.19	11.5	83.5	0.36	0.00	0.19
20	20	7	75	2.6	165.7	19.50	19.89	12.70	3.7	147.1	18.83	6.2	143.9	0.08	0.00	0.04
21	20	7	75	1.8	182.8	19.15	22.77	9.80	3.1	147.2	18.44	4.9	153.0	0.03	0.00	0.04
22	20	7	75	1.8	199.6	18.86	25.16	6.04	1.9	182.7	17.70	2.9	171.8	0.07	0.00	0.04
23	20	7	75	3.8	265.4	18.61	25.63	3.63	3.1	266.0	17.85	2.6	243.2	-0.04	0.00	0.02

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
++	++	++	++													
0	21	7	75	6.8	286.2	16.40	30.06	6.55	7.0	306.6	16.34	8.1	336.6	-1.00	0.00	0.02
1	21	7	75	4.9	282.5	14.85	40.07	5.33	3.8	302.9	14.43	3.2	10.6	-0.41	0.00	0.02
2	21	7	75	5.7	234.0	15.48	39.85	6.18	4.6	221.3	15.19	3.2	207.8	-0.36	0.00	0.02
3	21	7	75	5.2	224.9	15.52	37.01	5.63	5.5	203.3	15.61	5.3	193.2	-0.55	0.00	0.02
4	21	7	75	3.8	244.3	16.12	37.78	5.63	3.8	224.8	15.55	3.7	199.6	-0.36	0.00	0.02
5	21	7	75	2.6	259.0	15.47	37.38	12.98	2.8	201.2	15.37	3.9	177.3	-1.14	0.00	0.02
6	21	7	75	2.0	71.0	16.20	24.37	14.60	2.2	62.5	16.45	2.7	91.6	-0.30	0.00	0.11
7	21	7	75	2.3	152.9	16.70	16.82	14.87	2.4	126.2	16.63	2.8	125.8	0.00	0.00	0.37
8	21	7	75	2.6	192.0	18.54	19.64	19.01	2.9	207.7	17.98	3.2	224.6	0.68	0.00	0.44
9	21	7	75	3.6	71.0	20.68	16.01	12.03	3.1	61.0	20.35	2.1	66.9	0.58	0.00	0.72
10	21	7	75	3.8	24.6	22.01	15.73	25.78	4.0	352.6	21.32	4.3	342.6	0.83	0.00	0.89
11	21	7	75	5.9	315.7	22.94	15.64	23.54	6.5	307.3	21.71	6.6	311.1	1.05	0.00	0.98
12	21	7	75	6.4	349.2	24.32	14.56	23.52	7.5	333.0	22.99	7.9	331.1	1.13	0.00	1.33
13	21	7	75	7.4	321.2	25.36	13.13	21.03	8.4	316.7	23.64	8.7	321.3	1.49	0.00	1.43
14	21	7	75	4.5	289.3	26.02	10.78	23.74	4.2	267.4	25.18	3.9	248.9	1.08	0.00	1.40
15	21	7	75	6.3	122.1	25.03	10.81	20.05	7.1	127.0	24.26	6.9	130.7	0.78	0.00	0.94
16	21	7	75	9.0	309.6	24.79	13.51	13.18	10.3	303.4	23.99	11.5	307.2	0.64	0.00	0.39
17	21	7	75	14.8	274.0	19.00	19.35	9.02	17.2	271.0	18.18	20.1	277.4	0.59	0.00	0.36
18	21	7	75	18.5	312.1	19.75	18.25	8.49	21.8	304.7	19.10	23.9	308.0	0.36	0.00	0.12
19	21	7	75	5.4	256.9	19.12	18.75	10.30	6.6	269.1	18.71	8.6	288.0	-0.17	0.00	0.04
20	21	7	75	5.1	223.7	19.39	18.32	11.50	5.9	222.4	18.95	6.7	202.4	-0.11	0.00	0.02
21	21	7	75	5.4	276.3	17.11	20.67	7.19	4.7	270.1	16.58	5.1	187.2	-0.85	0.00	0.02
22	21	7	75	4.4	237.0	18.43	19.31	7.96	5.9	206.2	18.38	6.8	192.7	-0.77	0.00	0.02
23	21	7	75	5.4	226.8	18.40	19.64	6.47	7.1	208.7	18.33	8.1	198.9	-0.82	0.00	0.02

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
0	22	7	75	8.5	263.4	19.09	18.32	3.45	9.8	256.9	19.60	9.9	256.7	-1.16	0.00	0.02
1	22	7	75	2.7	291.8	16.02	21.66	16.80	3.3	346.5	15.64	4.7	31.6	-0.50	0.00	0.02
2	22	7	75	2.5	279.8	16.41	23.24	7.87	3.1	289.0	15.63	2.9	298.4	0.11	0.00	0.02
3	22	7	75	3.2	235.3	15.65	26.56	7.07	2.2	227.9	14.09	3.0	191.0	-0.47	0.00	0.02
4	22	7	75	4.0	216.2	16.68	24.43	6.74	4.2	197.4	16.28	4.1	188.5	-0.16	0.00	0.02
5	22	7	75	2.0	258.4	16.43	25.09	9.78	1.8	259.9	15.06	1.4	203.6	-0.07	0.00	0.02
6	22	7	75	5.0	322.5	16.11	20.68	8.68	6.1	316.5	15.85	6.8	321.8	0.03	0.00	0.08
7	22	7	75	4.0	143.7	16.81	15.00	8.93	3.9	132.1	16.53	3.6	140.1	0.52	0.00	0.29
8	22	7	75	3.3	158.4	18.60	14.41	17.40	3.5	162.0	18.14	3.6	158.3	0.79	0.00	0.58
9	22	7	75	3.4	175.8	21.19	16.01	23.34	3.8	174.7	20.69	4.7	185.4	0.93	0.00	0.85
10	22	7	75	5.0	225.7	23.18	14.42	21.30	5.7	230.2	22.25	6.0	235.6	0.80	0.00	1.08
11	22	7	75	9.3	285.7	23.97	14.27	13.26	9.9	275.9	22.55	10.0	278.6	1.10	0.00	1.26
12	22	7	75	9.9	283.2	24.51	14.07	12.72	10.9	281.6	22.91	11.4	283.7	1.30	0.00	1.37
13	22	7	75	14.2	309.6	24.66	13.62	11.47	16.2	302.4	22.94	15.5	298.8	0.86	0.00	999.00
14	22	7	75	12.0	218.8	25.57	12.13	19.52	14.0	209.9	23.99	16.2	225.0	1.53	0.00	1.28
15	22	7	75	7.6	254.6	24.68	13.35	11.93	8.3	252.7	23.63	9.0	256.5	0.85	0.00	0.88
16	22	7	75	8.1	315.0	25.78	12.06	17.21	8.7	305.7	24.65	9.0	307.4	0.97	0.00	0.84
17	22	7	75	6.6	308.8	25.99	11.27	14.26	7.3	311.1	24.93	7.4	316.0	1.07	0.00	0.74
18	22	7	75	7.4	328.6	25.45	12.20	13.47	8.3	323.2	24.59	8.4	327.0	0.79	0.00	0.49
19	22	7	75	6.1	308.2	22.73	13.88	7.85	7.9	318.6	22.98	9.0	332.2	-0.94	0.00	0.18
20	22	7	75	7.8	302.9	19.67	16.50	6.06	10.2	323.6	20.80	12.1	348.5	-2.93	0.00	0.04
21	22	7	75	1.8	174.8	20.59	16.78	12.80	1.7	112.7	19.10	1.9	93.1	0.09	0.00	0.02
22	22	7	75	3.3	201.7	19.84	17.06	7.31	3.1	193.7	19.32	2.3	170.0	-0.12	0.00	0.02
23	22	7	75	4.6	273.3	20.06	16.85	5.69	4.3	291.4	19.47	3.9	314.7	-0.06	0.00	0.02

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
++	++	++	++													
0	23	7	75	6.1	299.4	19.34	16.97	6.51	6.1	318.4	19.20	6.6	0.9	-0.85	0.00	0.02
1	23	7	75	3.1	34.7	18.05	18.15	23.63	5.1	34.4	17.87	7.9	45.5	-0.54	0.00	0.02
2	23	7	75	4.1	312.2	16.94	20.22	10.94	4.5	348.0	16.66	6.9	24.4	-0.31	0.00	0.02
3	23	7	75	2.9	283.2	17.55	20.99	7.76	2.3	301.3	16.10	1.7	40.2	0.00	0.00	0.02
4	23	7	75	3.0	311.8	16.52	20.73	16.17	3.7	1.9	16.17	6.0	35.2	-0.55	0.00	0.02
5	23	7	75	2.9	264.2	16.50	21.97	7.24	1.5	279.1	14.83	2.2	102.8	-0.33	0.00	0.02
6	23	7	75	1.8	282.0	16.81	17.73	6.17	1.7	293.7	16.33	0.6	30.2	-0.10	0.00	0.07
7	23	7	75	2.9	33.7	17.98	12.53	19.37	3.2	20.1	18.02	3.4	37.2	0.60	0.00	0.29
8	23	7	75	2.0	358.4	19.40	13.52	25.02	2.2	357.7	19.76	2.4	31.4	0.84	0.00	0.57
9	23	7	75	3.4	25.2	20.37	14.83	17.20	4.1	2.9	19.65	3.9	14.9	0.81	0.00	0.75
10	23	7	75	7.8	346.8	22.29	15.04	27.12	8.1	342.6	21.16	9.1	343.8	1.16	0.00	1.06
11	23	7	75	9.2	318.3	22.94	14.72	14.34	10.1	309.5	21.56	10.6	315.9	1.23	0.00	1.24
12	23	7	75	10.2	338.3	23.31	14.37	21.89	10.7	329.7	21.76	10.7	330.4	1.28	0.00	1.39
13	23	7	75	7.5	1.4	23.75	13.29	23.53	8.7	359.4	22.53	9.1	353.5	1.17	0.00	1.25
14	23	7	75	11.6	341.4	24.61	13.14	28.46	13.1	332.4	23.03	13.1	338.2	1.38	0.00	1.38
15	23	7	75	9.4	328.6	24.92	12.85	21.53	10.2	324.7	23.55	10.7	326.6	1.20	0.00	1.14
16	23	7	75	9.8	316.9	25.29	12.65	15.77	10.4	315.5	24.16	10.7	326.6	1.02	0.00	1.01
17	23	7	75	12.1	15.0	25.13	13.26	19.73	12.8	6.5	24.21	13.0	12.7	0.91	0.00	0.70
18	23	7	75	8.8	14.4	23.21	14.51	20.00	10.5	14.4	23.08	12.0	16.6	-0.04	0.00	999.00
19	23	7	75	6.7	331.9	23.28	13.80	14.47	8.0	339.4	23.17	9.0	353.4	-0.02	0.00	0.20
20	23	7	75	8.8	318.8	20.35	16.14	3.92	11.6	322.0	21.34	13.9	341.6	-1.98	0.00	0.04
21	23	7	75	9.0	329.2	19.53	16.40	5.79	11.8	336.2	20.72	14.1	357.9	-1.91	0.00	0.01
22	23	7	75	4.4	298.7	19.50	17.05	6.01	3.6	321.4	19.26	3.1	7.9	-0.36	0.00	0.00
23	23	7	75	5.6	300.7	18.53	17.54	6.47	6.1	317.4	18.64	5.6	345.9	-0.93	0.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
++	++	++	++													
0	24	7	75	5.1	295.9	18.23	17.85	6.13	5.6	307.6	18.24	4.4	335.7	-0.76	0.00	0.00
1	24	7	75	2.1	264.0	18.03	18.56	8.32	1.5	257.4	16.49	2.9	99.7	-0.30	0.00	0.00
2	24	7	75	1.5	336.0	16.96	20.17	15.30	1.6	23.6	15.33	1.8	69.8	-0.41	0.00	0.00
3	24	7	75	5.6	283.2	17.22	20.24	3.77	5.7	290.2	16.81	5.3	304.1	-0.22	0.00	0.00
4	24	7	75	2.5	332.4	17.27	19.24	19.59	2.4	8.7	16.38	3.5	60.1	-0.13	0.00	0.00
5	24	7	75	2.7	292.3	16.12	21.27	10.51	2.3	292.7	14.91	1.3	278.0	-0.62	0.00	0.00
6	24	7	75	3.6	280.8	15.83	18.31	6.65	2.3	311.0	16.37	1.8	316.9	-0.95	0.00	0.09
7	24	7	75	2.7	334.1	18.34	14.23	23.00	2.9	333.1	17.65	3.3	322.9	0.64	0.00	0.33
8	24	7	75	6.4	73.2	17.43	16.24	9.69	6.9	61.9	16.62	7.7	62.1	0.94	0.00	0.63
9	24	7	75	4.6	79.5	19.81	16.59	15.11	5.4	64.4	19.01	5.6	69.0	0.89	0.00	0.92
10	24	7	75	5.2	11.1	21.67	15.32	24.99	5.8	8.0	20.96	6.1	11.9	0.82	0.00	1.16
11	24	7	75	5.9	345.8	23.10	14.13	25.44	6.2	328.8	22.20	6.3	326.1	1.02	0.00	1.25
12	24	7	75	9.6	348.0	23.49	13.71	28.42	11.0	339.9	22.34	11.0	344.3	1.20	0.00	1.19
13	24	7	75	9.7	301.0	6.75	13.43	13.66	11.0	289.8	22.98	11.3	292.8	999.00	0.00	1.46
14	24	7	75	10.1	314.0	24.76	12.91	22.71	10.9	301.4	23.30	11.5	308.5	1.42	0.00	1.70
15	24	7	75	5.5	302.4	25.08	11.73	25.02	6.4	294.8	24.03	7.2	309.7	1.06	0.00	1.36
16	24	7	75	9.6	300.3	25.09	12.34	13.26	10.6	296.1	23.99	11.1	302.9	1.06	0.00	1.10
17	24	7	75	8.2	330.1	25.60	11.61	23.94	9.2	324.8	24.69	9.3	327.4	1.06	0.00	0.76
18	24	7	75	8.0	340.7	23.38	14.60	18.45	9.5	341.3	23.21	10.1	352.7	0.02	0.00	0.37
19	24	7	75	6.9	318.1	22.75	13.98	6.18	8.4	331.4	22.93	9.3	347.9	-0.56	0.00	0.21
20	24	7	75	11.0	293.9	20.67	16.02	3.42	13.3	303.1	22.15	14.9	319.0	-2.15	0.00	0.04
21	24	7	75	3.0	197.6	20.38	16.78	7.58	2.5	165.2	19.68	2.6	103.9	-0.33	0.00	0.02
22	24	7	75	5.2	310.4	19.69	16.68	5.02	4.0	332.6	19.80	4.5	37.2	-1.08	0.00	0.02
23	24	7	75	6.2	232.2	20.67	16.70	3.05	6.3	211.1	20.49	6.2	191.4	-0.22	0.00	0.02

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
++	++	++	++													
0	25	7	75	3.0	227.0	21.37	16.75	4.28	2.3	202.3	20.59	2.2	192.8	0.13	0.00	0.02
1	25	7	75	3.2	280.6	19.99	17.05	8.12	2.9	305.2	19.87	2.6	349.7	-0.84	0.00	0.02
2	25	7	75	2.8	222.4	18.47	18.25	8.45	1.6	198.6	16.90	1.6	182.5	-0.72	0.00	0.02
3	25	7	75	3.2	315.5	17.02	18.37	11.44	3.9	326.1	17.19	4.2	342.7	-1.11	0.00	0.02
4	25	7	75	3.1	85.1	17.13	18.28	17.40	3.8	55.6	16.75	4.5	53.4	-0.59	0.00	0.02
5	25	7	75	2.7	262.6	16.87	19.22	10.35	1.8	290.3	15.80	1.0	21.0	-0.66	0.00	0.02
6	25	7	75	3.0	300.6	17.55	16.61	3.73	2.6	332.4	17.36	2.7	8.3	-0.39	0.00	0.07
7	25	7	75	2.4	74.1	17.48	13.15	10.28	1.8	27.3	19.30	1.2	299.9	-0.53	0.00	0.29
8	25	7	75	7.9	52.1	19.09	14.07	13.83	5.7	46.4	18.91	3.9	56.5	0.63	0.00	0.53
9	25	7	75	4.9	55.6	20.69	14.68	14.59	4.9	43.8	20.12	4.7	51.3	0.75	0.00	999.00
10	25	7	75	5.2	63.2	21.19	14.63	15.79	5.3	50.6	20.54	5.8	57.5	0.79	0.00	0.81
11	25	7	75	6.3	37.1	22.53	14.44	19.54	6.6	32.3	20.67	7.5	47.9	0.71	0.00	0.69
12	25	7	75	6.1	5.3	23.06	15.12	24.74	7.0	1.4	22.01	7.5	23.2	0.84	0.00	0.72
13	25	7	75	10.6	189.1	23.13	14.29	11.82	12.1	182.7	21.76	11.9	159.2	1.20	0.00	0.98
14	25	7	75	11.0	338.3	24.97	13.35	29.32	12.3	327.8	23.71	13.2	327.7	1.09	0.00	1.08
15	25	7	75	11.6	335.5	25.39	13.17	23.51	13.2	324.2	24.01	13.6	329.1	1.37	0.00	1.31
16	25	7	75	7.8	357.1	25.28	12.74	29.54	8.3	351.7	24.32	8.7	356.7	1.03	0.00	0.97
17	25	7	75	9.4	153.1	24.30	12.02	13.56	11.6	148.9	23.32	12.0	157.6	1.06	0.00	0.84
18	25	7	75	2.8	160.8	22.98	14.53	10.78	3.4	129.5	22.47	4.3	119.8	0.41	0.00	0.30
19	25	7	75	5.9	160.1	21.72	13.54	11.86	7.6	144.7	21.48	8.9	138.8	0.25	0.00	0.21
20	25	7	75	4.1	242.1	20.77	16.92	5.97	3.8	227.6	20.36	4.0	207.6	0.18	0.00	0.04
21	25	7	75	5.2	222.5	20.08	17.10	8.49	5.3	203.6	20.08	5.1	181.6	-0.32	0.00	0.01
22	25	7	75	2.5	170.3	18.43	17.77	14.79	4.7	158.5	18.10	7.7	159.1	-0.21	0.00	0.00
23	25	7	75	1.1	280.5	18.45	18.96	16.50	2.2	192.3	17.62	4.9	175.3	-0.18	0.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
++	++	++	++													
0	26	7	75	1.9	214.7	18.49	18.42	5.94	2.7	206.4	17.83	4.6	192.6	-0.36	0.00	0.00
1	26	7	75	1.9	321.4	17.79	19.11	12.75	1.8	342.7	16.80	1.9	48.2	-0.13	0.00	0.00
2	26	7	75	3.3	299.9	16.38	19.71	8.27	2.1	317.4	14.94	1.4	124.8	-0.57	0.00	0.00
3	26	7	75	4.7	291.1	16.07	19.90	3.73	4.0	308.6	15.58	4.2	332.4	-0.51	0.00	0.00
4	26	7	75	1.5	223.1	16.25	19.98	5.04	1.4	190.7	14.28	2.0	111.7	-0.35	0.00	0.00
5	26	7	75	4.6	304.0	15.40	20.24	6.72	4.6	319.8	15.32	4.0	6.0	-0.62	0.00	0.00
6	26	7	75	1.4	284.3	15.39	17.78	11.46	0.9	322.8	15.51	0.8	303.9	0.23	0.00	0.08
7	26	7	75	2.1	307.7	16.11	15.32	16.65	2.1	283.0	16.29	3.5	243.3	-0.13	0.00	0.29
8	26	7	75	1.3	142.8	19.30	14.60	12.27	1.3	221.7	19.40	1.2	193.3	0.46	0.00	0.36
9	26	7	75	5.0	68.1	21.37	14.71	12.96	5.2	60.1	20.76	5.4	67.6	0.92	0.00	0.84
10	26	7	75	4.3	96.8	22.81	13.78	21.62	4.2	79.5	22.16	4.6	86.6	0.79	0.00	1.10
11	26	7	75	7.0	57.7	23.96	13.73	15.79	7.6	47.4	22.90	7.8	56.6	1.06	0.00	1.28
12	26	7	75	10.8	28.4	24.70	13.07	15.27	11.1	20.2	23.52	11.1	28.6	1.22	0.00	1.39
13	26	7	75	9.6	358.9	24.88	13.46	27.50	10.5	356.4	23.70	11.0	5.2	1.06	0.00	1.21
14	26	7	75	10.1	40.6	26.06	11.56	17.51	11.5	30.2	24.73	11.7	40.2	1.25	0.00	1.35
15	26	7	75	7.7	6.4	25.31	13.46	25.57	8.7	359.2	24.52	9.0	8.2	0.82	0.00	0.67
16	26	7	75	13.9	188.0	23.82	13.59	12.24	17.7	179.3	22.97	17.9	183.7	0.86	0.00	0.54
17	26	7	75	9.6	17.4	24.43	12.74	17.66	11.3	11.9	23.76	11.5	25.2	0.85	0.00	0.49
18	26	7	75	3.5	113.2	24.47	11.71	19.32	3.9	79.3	24.23	4.4	78.9	0.59	0.00	0.38
19	26	7	75	6.9	91.4	23.25	14.62	7.65	9.4	83.8	22.94	11.6	93.9	0.25	0.00	0.18
20	26	7	75	7.4	121.3	21.24	16.31	8.93	9.8	111.6	21.05	12.3	120.3	0.02	0.00	0.03
21	26	7	75	5.0	233.0	19.82	17.89	6.80	5.9	205.4	19.94	6.4	194.4	-0.45	0.00	0.01
22	26	7	75	5.7	122.6	19.11	18.77	4.83	6.9	111.6	18.78	8.4	116.4	-0.10	0.00	0.00
23	26	7	75	5.0	243.1	17.97	19.87	2.97	4.3	223.2	17.63	3.8	204.1	-0.01	0.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
++	++	++	++													
0	27	7	75	6.0	237.5	18.70	18.98	4.86	6.9	212.2	18.98	7.4	205.0	-0.73	0.00	0.00
1	27	7	75	1.8	120.6	17.20	19.05	10.62	3.4	160.4	17.30	4.1	153.5	-0.56	0.00	0.00
2	27	7	75	4.3	291.3	16.31	20.54	2.99	3.7	298.4	15.50	1.3	337.7	-0.53	0.00	0.00
3	27	7	75	2.6	273.6	17.23	21.71	4.53	2.6	288.7	16.42	1.7	263.1	0.12	0.00	0.00
4	27	7	75	2.4	319.8	16.46	21.40	2.91	0.9	324.8	14.66	0.6	6.1	-0.43	0.00	0.00
5	27	7	75	4.9	298.5	14.82	23.48	4.81	3.4	327.5	14.81	3.5	24.5	-0.82	0.00	0.00
6	27	7	75	3.4	304.2	15.88	19.32	4.96	2.9	318.6	15.73	1.7	6.2	-0.27	0.00	0.08
7	27	7	75	1.6	150.0	17.82	12.79	15.78	1.4	65.7	19.19	1.2	89.2	0.45	0.00	0.29
8	27	7	75	2.4	137.7	19.98	12.55	20.71	2.4	142.2	20.82	2.6	134.0	0.76	0.00	0.60
9	27	7	75	5.8	90.5	21.73	15.05	15.17	6.1	77.3	21.03	6.8	93.3	0.95	0.00	0.88
10	27	7	75	5.3	76.6	22.94	14.43	19.74	5.4	68.2	22.22	7.0	98.1	0.91	0.00	1.11
11	27	7	75	6.3	69.3	24.02	13.82	13.53	6.8	62.4	22.99	7.7	71.1	1.00	0.00	1.29
12	27	7	75	7.7	145.7	25.39	12.40	15.59	8.6	147.6	24.09	9.0	156.9	1.14	0.00	1.48
13	27	7	75	8.3	115.4	26.00	11.18	14.28	9.3	109.1	24.72	10.4	121.0	1.15	0.00	1.37
14	27	7	75	9.5	139.6	26.34	11.45	13.29	10.1	130.0	25.13	11.1	140.9	1.06	0.00	1.33
15	27	7	75	7.2	169.6	26.95	10.14	20.46	8.6	162.7	25.85	9.2	163.0	1.09	0.00	1.26
16	27	7	75	6.4	168.0	25.95	10.46	14.81	8.1	162.1	25.41	8.1	171.1	0.74	0.00	0.80
17	27	7	75	6.1	235.7	23.45	14.37	13.93	7.5	219.7	23.06	12.4	224.4	0.18	0.00	0.26
18	27	7	75	4.2	240.7	22.89	15.20	16.82	5.9	219.4	22.56	12.6	220.4	-0.05	0.00	0.16
19	27	7	75	7.5	253.7	22.30	15.55	8.27	8.6	231.5	22.27	12.4	217.2	-0.90	0.00	0.09
20	27	7	75	6.7	250.7	21.50	16.16	11.96	8.7	226.7	21.74	13.0	213.2	-1.34	0.00	0.02
21	27	7	75	6.0	206.0	20.56	16.53	17.63	8.2	187.9	20.51	11.8	193.4	-0.60	0.00	0.00
22	27	7	75	6.0	155.5	18.74	18.23	10.20	7.6	155.2	18.87	8.7	176.5	-0.67	0.00	0.00
23	27	7	75	2.3	251.4	18.16	19.71	21.11	5.9	189.1	17.66	7.6	181.2	-0.69	0.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
0	28	7	75	3.6	217.8	19.57	18.47	13.10	4.9	207.5	19.20	6.3	210.1	0.10	0.00	0.00
1	28	7	75	5.6	117.8	18.75	18.57	10.84	6.3	125.8	18.83	6.1	145.7	-0.48	0.00	0.00
2	28	7	75	6.9	290.8	17.17	19.65	5.70	5.3	310.5	17.43	5.7	357.1	-1.51	0.00	0.00
3	28	7	75	8.5	217.8	18.13	19.21	12.94	10.5	234.6	18.50	13.3	265.6	-1.45	0.00	0.00
4	28	7	75	6.0	213.3	18.17	19.16	10.40	7.1	196.2	18.06	10.0	190.9	-0.52	0.00	0.00
5	28	7	75	6.3	227.8	18.99	19.21	2.80	5.8	208.8	18.99	5.6	203.5	-0.34	0.00	0.00
6	28	7	75	5.1	232.7	19.18	18.74	3.83	5.6	219.2	19.06	5.9	213.5	-0.23	0.00	0.03
7	28	7	75	1.7	132.8	15.92	17.74	11.20	1.2	40.3	15.89	1.0	55.6	-0.81	0.00	0.12
8	28	7	75	3.4	64.9	20.12	13.71	13.68	3.0	57.9	20.24	2.3	88.7	0.48	0.00	0.55
9	28	7	75	5.4	114.8	23.31	14.65	27.52	5.6	137.6	22.81	5.9	173.1	0.92	0.00	0.85
10	28	7	75	7.0	254.6	23.80	13.86	16.12	8.1	254.9	22.99	8.5	264.9	0.98	0.00	1.04
11	28	7	75	8.9	248.4	24.19	13.80	15.03	10.2	245.4	23.48	12.0	253.7	0.97	0.00	0.91
12	28	7	75	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	0.00	999.00
13	28	7	75	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	0.00	999.00
14	28	7	75	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	0.00	999.00
15	28	7	75	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	0.00	999.00
16	28	7	75	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	0.00	999.00
17	28	7	75	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	0.00	999.00
18	28	7	75	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	0.00	999.00
19	28	7	75	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	0.00	999.00
20	28	7	75	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	0.00	999.00
21	28	7	75	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	0.00	999.00
22	28	7	75	6.3	270.2	19.28	19.57	16.02	7.3	238.8	19.55	12.6	222.4	-0.58	0.00	999.00
23	28	7	75	4.5	250.6	19.81	19.03	18.71	5.9	241.1	19.59	10.7	230.6	-0.19	0.00	0.02

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
++	++	++	++													
0	29	7	75	11.2	263.9	19.83	18.37	10.40	10.9	243.3	19.56	15.3	237.7	0.07	0.00	0.01
1	29	7	75	11.6	254.3	18.38	19.61	6.79	15.8	249.4	18.56	19.4	255.2	-0.90	0.00	0.00
2	29	7	75	4.4	137.9	17.35	21.32	12.63	5.2	149.4	17.13	6.4	179.4	-0.06	0.00	0.00
3	29	7	75	4.4	228.7	17.56	23.11	25.06	6.4	206.4	17.28	10.0	222.0	-0.15	0.00	0.00
4	29	7	75	8.5	260.2	18.10	22.47	12.14	8.1	237.3	17.74	12.6	231.8	0.21	0.00	0.00
5	29	7	75	5.6	225.0	18.04	23.10	20.60	8.5	224.0	17.77	15.0	227.8	0.06	0.00	0.00
6	29	7	75	5.2	221.9	17.84	23.19	22.30	6.3	228.6	17.46	11.5	226.7	0.27	0.00	0.05
7	29	7	75	11.5	199.6	16.87	23.67	13.34	14.3	202.3	17.41	18.5	222.7	0.29	0.00	999.00
8	29	7	75	9.0	196.5	13.00	25.12	13.51	11.7	200.6	17.39	14.7	216.6	0.63	0.01	0.27
9	29	7	75	10.0	192.8	19.00	22.65	12.60	12.9	188.0	18.25	13.5	201.7	0.79	0.00	0.42
10	29	7	75	3.9	264.2	18.38	23.84	16.92	4.4	244.8	17.87	4.4	236.4	0.59	0.00	0.31
11	29	7	75	8.8	218.4	21.72	17.93	18.49	10.5	206.4	20.48	12.4	219.6	1.49	0.01	1.11
12	29	7	75	12.7	187.1	21.91	15.91	13.87	14.5	187.1	20.57	14.9	202.1	1.22	0.00	1.54
13	29	7	75	10.8	193.8	22.85	15.22	15.08	13.8	187.9	21.46	14.2	201.1	1.38	0.00	1.58
14	29	7	75	15.8	177.3	22.78	16.39	10.60	19.7	173.6	21.22	20.3	182.7	1.23	0.00	1.50
15	29	7	75	10.2	208.6	23.12	15.56	17.19	12.7	199.8	21.62	14.5	210.1	1.41	0.00	1.32
16	29	7	75	10.6	202.1	23.18	14.32	13.92	13.0	193.2	22.01	14.3	207.6	1.19	0.00	1.47
17	29	7	75	10.8	198.8	21.92	15.04	11.41	14.4	192.5	21.17	16.0	201.7	0.74	0.00	1.27
18	29	7	75	14.2	195.9	20.88	18.76	11.78	18.8	191.2	20.37	20.9	203.1	0.47	0.00	0.53
19	29	7	75	6.2	235.9	19.44	23.00	12.56	7.5	229.5	18.96	9.7	230.2	0.46	0.00	0.13
20	29	7	75	10.9	231.1	13.29	78.40	15.37	13.0	225.5	12.17	18.4	234.8	0.23	0.00	0.03
21	29	7	75	13.0	206.7	13.15	80.94	13.76	13.2	217.8	12.84	20.5	226.3	0.08	0.00	0.01
22	29	7	75	8.3	211.6	13.60	77.60	12.35	10.2	209.2	13.36	14.5	216.5	0.06	0.00	0.01
23	29	7	75	3.2	76.0	13.16	75.36	11.35	3.6	82.4	13.03	6.1	200.3	-0.60	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
++	++	++	++													
0	30	7	75	7.1	199.4	12.71	76.04	13.11	9.2	203.1	12.51	12.0	210.3	-0.09	0.00	0.01
1	30	7	75	1.9	50.4	12.81	75.17	23.83	2.1	355.8	12.26	3.9	158.8	0.06	0.00	0.01
2	30	7	75	3.9	197.8	12.46	76.46	13.77	6.1	186.5	12.38	7.8	183.6	-0.26	0.00	0.01
3	30	7	75	2.9	220.4	12.38	77.99	13.95	3.8	193.1	11.92	5.7	192.8	-0.03	0.00	0.01
4	30	7	75	1.6	142.8	12.66	77.68	14.79	2.3	151.8	12.11	3.1	136.5	0.12	0.00	0.01
5	30	7	75	3.7	231.9	12.35	77.46	13.73	5.2	222.7	12.08	9.3	232.7	-0.03	0.00	0.01
6	30	7	75	1.9	99.0	12.18	76.01	18.12	2.3	91.5	12.23	2.9	152.1	-0.34	0.00	0.07
7	30	7	75	6.2	234.5	13.01	73.87	12.97	8.0	221.8	12.66	10.4	223.4	0.36	0.00	0.14
8	30	7	75	5.5	231.7	11.38	82.14	13.37	7.9	224.3	10.91	13.0	231.1	-0.05	0.00	0.13
9	30	7	75	6.9	201.0	12.51	81.03	9.53	8.3	193.7	12.04	9.2	201.1	0.35	0.00	999.00
10	30	7	75	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	0.00	999.00
11	30	7	75	7.7	239.6	17.51	38.09	18.44	8.5	235.3	16.62	9.1	243.5	0.94	0.00	999.00
12	30	7	75	7.6	190.6	18.53	31.52	14.92	9.4	190.4	17.52	10.5	206.0	1.05	0.00	999.00
13	30	7	75	11.2	281.9	18.08	30.84	12.41	12.4	277.6	17.17	13.0	276.8	0.87	0.00	999.00
14	30	7	75	10.0	262.8	20.16	20.21	12.44	10.4	252.9	19.04	11.2	248.4	1.02	0.00	999.00
15	30	7	75	9.2	202.1	20.46	17.67	13.99	11.4	198.5	19.58	12.8	210.2	0.95	0.00	999.00
16	30	7	75	10.0	202.4	20.72	17.30	13.29	12.7	193.2	19.91	13.8	206.3	0.81	0.00	999.00
17	30	7	75	11.3	210.5	21.53	15.23	13.73	14.7	202.0	20.58	17.9	212.1	0.94	0.00	999.00
18	30	7	75	9.8	201.9	20.49	16.35	12.42	13.2	196.3	19.96	15.1	208.9	0.46	0.00	999.00
19	30	7	75	6.5	214.6	18.89	21.27	19.63	9.0	216.3	18.63	14.2	221.0	0.00	0.00	999.00
20	30	7	75	2.9	252.8	17.31	32.70	21.44	4.7	222.3	16.94	9.1	214.8	-0.21	0.00	999.00
21	30	7	75	3.3	243.9	16.17	38.54	17.60	5.5	211.5	15.97	9.6	212.5	-0.36	0.00	999.00
22	30	7	75	4.3	245.7	16.13	37.19	20.89	6.1	216.2	15.95	12.2	213.3	-0.39	0.00	999.00
23	30	7	75	8.5	261.5	16.13	34.28	9.33	8.8	233.5	15.97	13.3	228.8	-0.48	0.00	999.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
0	31	7	75	4.8	247.9	15.70	36.20	18.25	6.7	226.4	15.48	12.1	220.0	-0.29	999.00	0.00
1	31	7	75	6.2	242.8	16.09	35.73	18.25	8.5	224.4	15.87	14.3	220.5	-0.15	0.00	0.00
2	31	7	75	7.8	223.5	16.56	34.30	19.49	11.4	216.2	16.34	17.2	219.5	-0.04	0.00	0.00
3	31	7	75	7.9	221.1	15.89	35.67	15.07	9.9	223.2	15.61	16.8	225.7	0.06	0.00	0.00
4	31	7	75	9.1	264.7	14.85	38.15	5.40	10.1	252.3	14.73	11.6	241.3	-0.11	0.00	0.00
5	31	7	75	8.6	259.9	15.11	37.71	3.19	10.4	260.4	15.26	11.4	264.4	-0.53	0.00	0.00
6	31	7	75	7.5	265.6	14.66	40.68	3.45	8.6	268.3	15.11	8.7	269.6	-0.77	0.00	0.05
7	31	7	75	2.0	101.8	13.62	28.72	15.23	2.0	74.8	13.80	2.5	103.6	0.56	0.00	0.25
8	31	7	75	3.5	111.5	14.17	29.31	10.01	3.7	95.3	13.85	3.8	108.2	0.59	0.00	0.44
9	31	7	75	5.1	119.6	16.56	30.05	13.61	5.9	110.8	15.97	5.8	116.5	0.75	0.00	0.90
10	31	7	75	4.7	184.5	18.90	21.70	16.15	5.3	181.0	18.22	5.9	197.2	0.76	0.00	1.13
11	31	7	75	7.5	185.3	20.47	15.99	16.85	9.1	183.6	19.48	9.6	188.7	0.93	0.00	1.26
12	31	7	75	11.0	197.5	21.56	14.89	17.07	13.5	190.9	20.30	15.0	200.0	1.18	0.00	1.16
13	31	7	75	10.2	310.2	18.34	25.92	10.15	11.7	307.1	17.03	12.4	310.0	1.09	0.00	1.16
14	31	7	75	13.6	295.6	19.51	20.60	8.62	14.7	288.6	18.18	14.9	292.2	1.14	0.00	1.49
15	31	7	75	11.4	310.0	20.30	17.45	9.75	12.2	301.2	19.11	12.3	306.8	1.15	0.00	1.38
16	31	7	75	9.1	283.0	21.30	15.38	11.13	10.8	278.2	20.26	10.8	281.1	1.05	0.00	1.17
17	31	7	75	9.7	277.4	20.05	17.33	6.63	11.4	269.8	20.09	12.2	274.1	-0.01	0.00	0.60
18	31	7	75	6.3	231.8	19.18	19.56	10.98	7.1	232.3	18.88	8.8	248.0	0.16	0.00	999.00
19	31	7	75	8.6	287.9	17.74	30.69	7.01	11.5	290.4	17.93	13.2	304.2	-0.71	0.00	999.00
20	31	7	75	18.6	309.2	7.15	48.11	8.49	23.7	304.2	13.67	27.9	314.3	999.00	0.00	999.00
21	31	7	75	23.9	296.8	12.28	57.99	7.64	29.1	292.8	12.15	33.2	294.6	-0.54	0.00	999.00
22	31	7	75	14.9	256.6	14.16	37.77	8.22	18.9	256.7	14.56	23.2	265.3	-1.27	0.00	999.00
23	31	7	75	12.4	266.0	15.93	27.29	4.92	15.6	266.6	16.56	17.3	275.6	-1.30	0.00	999.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
++	++	++	++													
0	1	8	75	4.8	338.9	14.04	31.62	26.14	6.4	348.9	14.01	8.2	5.6	-0.37	0.00	99.00
1	1	8	75	8.4	313.5	12.79	38.53	5.64	9.5	326.5	13.51	10.1	341.7	-1.36	0.00	999.00
2	1	8	75	8.8	334.9	13.03	31.95	14.33	10.7	338.3	12.94	11.2	352.2	-0.07	0.00	999.00
3	1	8	75	5.4	353.8	11.83	37.75	25.22	8.3	5.4	12.30	9.9	17.6	-0.83	0.00	999.00
4	1	8	75	2.7	311.2	10.96	39.56	23.53	3.8	351.2	10.70	5.8	23.3	-0.18	0.00	999.00
5	1	8	75	4.5	292.2	10.82	34.92	4.41	3.0	323.4	10.22	3.4	21.1	-0.48	0.00	999.00
6	1	8	75	4.5	292.2	10.82	34.92	4.41	3.0	323.4	10.22	3.4	21.1	-0.48	0.00	999.00
7	1	8	75	5.1	27.5	12.13	19.98	9.97	5.6	20.7	11.68	5.8	28.1	0.60	0.00	999.00
8	1	8	75	6.7	70.7	13.46	18.85	10.07	7.6	62.8	12.78	8.4	69.5	0.85	0.00	999.00
9	1	8	75	6.4	90.4	14.24	19.40	13.03	7.1	81.0	13.37	7.8	87.3	0.86	0.00	999.00
10	1	8	75	6.5	57.8	15.24	18.22	15.76	7.4	45.9	14.37	7.6	58.5	0.91	0.00	999.00
11	1	8	75	5.0	50.2	16.47	17.02	17.76	4.9	51.2	15.75	5.1	74.2	0.87	0.00	999.00
12	1	8	75	4.8	359.5	17.83	15.38	22.05	5.4	4.4	16.92	5.7	19.7	0.93	0.00	999.00
13	1	8	75	4.0	92.3	19.62	13.87	26.59	4.8	102.1	18.70	4.5	104.8	1.07	0.00	999.00
14	1	8	75	10.4	272.2	20.00	14.17	11.65	11.4	262.8	18.73	12.5	265.2	1.13	0.00	999.00
15	1	8	75	10.2	280.9	20.47	13.85	15.84	10.7	275.4	19.27	11.2	283.9	1.08	0.00	999.00
16	1	8	75	11.2	301.1	20.22	14.31	13.94	11.9	296.4	19.10	11.9	303.0	1.04	0.00	999.00
17	1	8	75	10.9	304.6	20.21	14.13	9.32	11.9	299.7	19.31	11.9	303.1	0.89	0.00	999.00
18	1	8	75	8.0	314.1	19.91	14.20	9.26	9.2	308.4	19.24	9.6	310.5	0.78	0.00	999.00
19	1	8	75	6.4	285.8	18.15	14.67	4.51	8.0	290.2	19.37	8.7	297.9	-0.43	0.00	999.00
20	1	8	75	8.8	283.4	16.57	17.13	3.82	9.6	299.4	17.34	9.8	321.5	-1.46	0.00	999.00
21	1	8	75	5.3	287.6	17.07	17.09	6.21	5.1	308.1	16.95	5.4	338.4	-0.84	0.00	999.00
22	1	8	75	4.4	281.7	17.48	17.17	4.69	3.9	303.3	17.15	3.3	327.1	-0.39	0.00	0.00
23	1	8	75	4.6	276.6	17.76	16.98	2.99	4.1	280.7	17.40	3.3	279.0	-0.07	0.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
0	2	8	75	4.3	296.7	15.20	18.07	4.89	2.8	325.1	15.19	3.5	30.5	-0.88	0.00	0.00
1	2	8	75	7.4	293.9	13.77	18.33	7.35	8.8	316.8	14.88	9.3	343.6	-2.16	0.00	0.00
2	2	8	75	5.6	289.2	12.78	19.38	10.82	5.9	324.4	12.86	9.8	6.5	-1.30	0.00	0.00
3	2	8	75	4.8	294.9	13.37	19.34	7.45	4.6	308.7	13.10	5.2	1.9	-0.41	0.00	0.00
4	2	8	75	3.1	297.4	14.01	19.12	12.94	2.8	314.1	13.16	2.8	2.4	0.14	0.00	0.00
5	2	8	75	3.9	295.8	13.65	19.40	6.31	3.5	315.1	13.10	3.7	354.9	-0.02	0.00	0.00
6	2	8	75	5.7	293.9	13.30	18.07	3.96	4.9	313.6	13.32	4.5	339.4	-0.26	0.00	0.08
7	2	8	75	2.9	341.6	14.88	15.83	26.60	3.5	345.6	14.47	3.6	358.4	0.66	0.00	0.34
8	2	8	75	3.6	57.5	15.70	14.52	20.16	4.1	41.8	15.40	3.5	56.0	0.76	0.00	0.68
9	2	8	75	5.0	77.9	16.70	15.97	18.80	5.6	72.1	16.02	6.1	89.8	0.84	0.00	1.00
10	2	8	75	3.6	57.5	18.35	15.32	23.04	3.9	59.6	17.95	4.5	77.7	1.07	0.00	1.27
11	2	8	75	10.5	265.6	19.80	15.40	11.31	11.5	256.8	18.52	11.5	258.0	1.14	0.00	1.47
12	2	8	75	8.2	293.4	20.76	14.31	15.71	9.0	286.8	19.32	9.3	286.4	1.35	0.00	1.60
13	2	8	75	9.7	276.7	21.33	13.80	16.28	10.9	273.1	19.91	11.4	280.7	1.27	0.00	1.62
14	2	8	75	11.1	306.8	21.80	13.88	14.92	11.9	297.7	20.39	13.1	299.8	1.28	0.00	1.56
15	2	8	75	10.7	305.4	22.28	13.37	14.53	12.4	295.6	21.02	13.8	299.0	1.16	0.00	1.39
16	2	8	75	12.3	290.8	22.18	13.52	10.82	14.0	284.8	21.01	15.4	288.9	1.05	0.00	1.18
17	2	8	75	12.9	292.8	22.28	13.58	9.00	14.7	285.6	21.31	16.2	294.4	1.01	0.00	0.88
18	2	8	75	8.3	280.8	21.83	13.75	9.78	9.9	273.6	21.37	11.1	275.3	0.73	0.00	0.55
19	2	8	75	8.1	271.5	19.58	15.04	4.83	10.5	276.9	20.21	12.3	288.7	-0.46	0.00	0.22
20	2	8	75	10.9	271.9	18.32	16.26	3.77	12.6	282.7	19.66	13.6	295.6	-1.12	0.00	0.03
21	2	8	75	11.0	280.2	18.03	16.57	4.12	13.3	291.3	19.41	14.0	303.2	-1.79	0.00	0.01
22	2	8	75	12.1	286.4	17.51	16.84	4.27	14.8	294.5	18.91	15.1	309.5	-2.10	0.00	0.00
23	2	8	75	12.0	272.1	17.67	16.86	4.99	15.9	275.1	18.69	16.9	287.6	-1.66	0.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
++	++	++	++													
0	3	8	75	3.5	171.3	15.79	17.65	21.34	4.4	72.9	15.14	6.2	62.5	-0.13	0.00	0.00
1	3	8	75	2.1	238.2	17.41	17.99	7.28	1.4	240.7	14.81	1.6	300.6	-0.33	0.00	0.00
2	3	8	75	1.9	244.7	17.61	17.80	7.67	1.5	273.5	15.22	0.8	264.8	0.18	0.00	0.00
3	3	8	75	4.7	301.0	16.49	17.74	5.30	4.4	315.6	16.24	3.4	354.9	-0.38	0.00	0.00
4	3	8	75	4.0	310.5	15.15	18.03	4.33	3.7	321.3	14.98	2.6	21.2	-0.30	0.00	0.00
5	3	8	75	2.1	259.4	14.50	19.47	10.59	1.8	296.0	12.77	2.6	76.3	-0.75	0.00	0.00
6	3	8	75	3.2	207.8	11.33	30.63	10.46	4.1	202.3	11.19	4.6	189.9	-0.44	0.00	99.00
7	3	8	75	1.9	79.3	16.31	13.00	16.78	1.8	56.4	17.20	1.8	96.1	0.60	0.00	0.35
8	3	8	75	2.9	114.0	17.39	13.27	17.41	2.7	102.0	17.50	3.0	122.3	0.72	0.00	0.69
9	3	8	75	4.9	136.8	19.00	14.82	20.37	5.6	128.5	18.44	5.5	141.9	0.74	0.00	1.01
10	3	8	75	5.4	81.3	20.52	14.34	24.99	6.4	76.7	19.80	6.9	95.7	0.91	0.00	1.28
11	3	8	75	8.7	325.9	21.65	14.48	18.42	10.2	322.5	20.25	10.2	329.8	1.32	0.00	1.48
12	3	8	75	7.5	276.9	22.00	13.77	14.82	8.2	272.3	20.61	8.7	279.7	1.22	0.00	1.62
13	3	8	75	6.1	7.6	22.57	12.82	29.27	6.0	354.1	21.50	6.6	350.4	1.05	0.00	1.62
14	3	8	75	10.2	280.2	23.16	12.57	13.50	11.5	271.3	21.80	11.8	278.1	1.20	0.00	1.57
15	3	8	75	9.7	338.4	23.08	12.47	17.88	10.8	324.5	21.87	10.8	323.4	1.05	0.00	1.39
16	3	8	75	8.0	311.3	23.63	11.99	14.82	9.2	297.5	22.56	9.7	304.0	1.05	0.00	1.17
17	3	8	75	7.3	316.2	23.54	12.03	12.35	7.4	307.0	22.65	7.4	306.9	0.96	0.00	0.88
18	3	8	75	5.9	353.2	23.13	12.71	26.90	6.6	341.4	22.43	7.2	344.4	0.80	0.00	0.55
19	3	8	75	6.2	295.3	20.95	13.80	4.45	6.5	311.2	21.29	6.9	325.0	-0.72	0.00	0.22
20	3	8	75	7.4	293.5	20.61	15.74	3.02	6.5	312.8	21.15	6.5	319.5	-0.34	0.00	0.03
21	3	8	75	6.7	293.4	20.52	15.80	3.65	6.1	314.8	20.76	5.3	330.7	-0.72	0.00	0.01
22	3	8	75	5.0	291.6	20.42	15.91	3.12	5.9	313.3	20.52	3.7	321.4	-0.61	0.00	0.00
23	3	8	75	2.9	284.8	20.59	16.48	3.34	2.1	296.1	19.65	0.6	330.3	-0.28	0.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
++	++	++	++													
0	4	8	75	0.8	249.5	20.06	17.00	5.73	1.0	278.7	17.08	1.6	195.4	-0.20	0.00	0.00
1	4	8	75	2.1	225.6	19.51	17.48	13.79	1.7	248.7	18.80	1.4	291.9	-0.76	0.00	0.00
2	4	8	75	1.7	278.4	20.24	17.31	5.50	1.8	290.4	16.84	1.2	264.4	-0.38	0.00	0.00
3	4	8	75	2.6	187.8	18.89	16.97	5.44	3.7	162.9	18.76	5.1	129.1	-0.88	0.00	0.01
4	4	8	75	1.0	229.8	17.23	18.42	18.56	2.0	237.2	16.13	3.2	195.5	-1.27	0.00	0.01
5	4	8	75	3.2	230.7	17.23	18.51	8.53	3.3	222.3	16.87	3.3	211.1	-0.79	0.00	0.00
6	4	8	75	4.5	229.9	18.35	15.80	6.59	5.5	211.9	18.48	5.2	191.5	-0.58	0.00	0.08
7	4	8	75	2.5	73.6	18.83	13.23	9.50	1.8	98.5	19.60	1.8	219.3	-0.11	0.00	0.34
8	4	8	75	2.2	77.9	20.76	12.69	21.23	2.0	36.8	21.20	2.5	76.2	0.58	0.00	0.67
9	4	8	75	4.0	168.3	22.60	13.72	18.21	4.7	166.6	21.89	5.2	171.1	0.35	0.00	1.00
10	4	8	75	8.6	273.9	23.79	13.48	11.89	9.4	260.4	22.59	10.0	256.4	1.15	0.00	1.27
11	4	8	75	7.7	262.8	24.36	13.29	16.08	8.7	262.6	23.06	9.3	262.6	1.14	0.00	1.47
12	4	8	75	8.8	287.1	24.83	12.77	16.37	9.4	278.5	23.42	9.9	281.4	1.18	0.00	1.58
13	4	8	75	11.4	266.6	25.68	12.09	14.08	11.6	258.5	24.39	12.2	265.3	1.27	0.00	1.60
14	4	8	75	11.5	310.3	25.90	12.34	16.90	12.2	304.0	24.65	12.9	307.3	1.11	0.00	1.54
15	4	8	75	8.3	249.4	26.26	11.78	14.68	8.8	245.3	25.22	9.0	261.3	0.92	0.00	1.37
16	4	8	75	9.4	328.9	26.28	12.10	24.44	10.3	318.9	25.11	10.8	324.2	1.11	0.00	1.15
17	4	8	75	10.0	320.0	26.22	11.65	12.67	11.2	312.1	25.41	11.4	319.5	0.98	0.00	0.86
18	4	8	75	4.5	263.4	25.82	11.56	12.25	4.8	273.2	25.52	5.4	291.9	0.70	999.00	0.58
19	4	8	75	7.4	290.9	22.52	13.59	4.10	8.5	312.1	23.64	9.4	321.8	-1.59	0.00	0.21
20	4	8	75	8.1	288.8	22.58	14.96	3.88	7.8	304.3	22.94	7.7	329.4	-1.25	0.00	0.03
21	4	8	75	5.4	273.3	23.05	16.10	4.99	4.9	288.0	22.77	3.8	320.6	-0.33	0.00	0.01
22	4	8	75	1.5	239.9	23.55	15.57	4.96	1.7	258.3	21.71	1.0	191.4	-0.02	0.00	0.00
23	4	8	75	4.0	226.7	22.65	15.43	6.75	3.8	203.5	22.44	4.4	191.2	-0.33	0.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
++	++	++	++													
0	5	8	75	7.3	244.3	21.78	15.36	5.93	8.5	224.4	22.04	10.6	212.8	-1.06	0.00	0.00
1	5	8	75	9.4	243.7	22.21	15.04	2.99	9.9	229.8	22.50	9.6	216.1	-1.05	0.00	0.00
2	5	8	75	11.0	256.4	22.09	14.96	0.77	11.7	246.0	22.73	12.1	246.2	-1.48	0.00	0.00
3	5	8	75	10.9	256.0	21.39	15.14	3.22	13.8	252.8	22.42	14.4	260.1	-1.35	0.00	0.00
4	5	8	75	1.7	101.1	17.76	17.06	12.49	3.0	56.4	17.63	2.9	61.4	-1.72	0.00	0.00
5	5	8	75	2.1	151.8	18.29	17.33	14.66	2.6	146.0	17.48	4.5	216.4	-0.81	0.00	0.00
6	5	8	75	2.2	222.8	19.50	15.30	8.76	2.3	179.0	18.88	3.7	152.9	-0.47	0.00	0.07
7	5	8	75	2.2	49.1	20.71	11.64	10.59	1.9	26.5	21.80	2.1	26.5	0.18	0.00	0.30
8	5	8	75	4.5	60.3	21.96	12.77	9.37	4.0	61.7	21.65	3.8	104.9	0.32	0.01	0.61
9	5	8	75	3.6	59.0	24.99	13.20	26.15	3.4	55.2	24.41	3.7	133.0	0.93	0.00	0.91
10	5	8	75	9.0	266.1	25.93	13.05	12.28	9.6	258.7	24.96	10.3	253.9	0.80	0.00	1.16
11	5	8	75	9.3	238.1	27.26	12.31	15.35	10.1	223.8	25.99	11.1	236.0	1.29	0.00	1.34
12	5	8	75	11.2	297.1	26.44	12.70	10.60	12.7	290.2	25.48	12.7	294.1	0.96	0.00	0.92
13	5	8	75	7.9	309.3	27.00	11.62	21.96	8.6	300.7	26.00	8.8	302.1	1.03	0.00	0.87
14	5	8	75	9.6	249.5	27.60	10.77	12.87	10.1	243.9	26.35	11.0	253.3	1.19	0.00	1.28
15	5	8	75	8.3	228.0	27.37	10.34	15.51	9.3	221.0	26.48	10.1	232.8	1.06	0.00	1.03
16	5	8	75	4.8	187.1	27.41	10.00	17.21	4.9	200.0	26.78	5.5	213.3	0.83	0.00	0.92
17	5	8	75	7.6	209.4	27.52	10.66	15.73	9.8	201.4	26.65	11.4	215.2	1.00	0.00	0.71
18	5	8	75	5.6	235.4	26.23	12.15	10.10	6.4	229.2	25.79	8.0	237.8	0.48	0.00	0.40
19	5	8	75	4.6	244.2	24.49	12.91	17.06	6.5	223.7	24.30	11.5	216.5	-0.37	0.00	0.18
20	5	8	75	7.4	252.9	22.54	15.12	11.42	9.8	223.9	22.90	14.6	205.5	-2.19	0.00	0.03
21	5	8	75	9.5	257.5	22.82	14.95	10.25	10.7	227.9	22.94	15.5	220.5	-1.48	0.00	0.01
22	5	8	75	10.4	276.4	21.93	15.13	7.10	8.7	243.4	22.08	14.7	226.3	-1.15	0.00	0.00
23	5	8	75	12.0	254.2	23.17	14.76	2.43	13.5	252.9	23.75	14.3	259.8	-0.96	0.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
0	6	8	75	11.6	255.9	22.93	14.71	1.40	12.3	254.4	23.97	11.9	264.9	-1.25	0.00	0.00
1	6	8	75	9.6	247.4	23.59	14.54	1.68	8.9	236.8	23.76	8.9	237.8	-0.47	0.00	0.00
2	6	8	75	10.9	256.8	22.86	14.77	0.71	11.0	244.9	23.83	10.8	250.4	-1.19	0.00	0.00
3	6	8	75	13.2	251.4	21.42	15.21	2.65	15.0	241.6	22.41	14.5	246.5	-1.82	0.00	0.00
4	6	8	75	12.4	245.8	21.65	15.21	0.77	12.6	235.7	22.41	12.7	241.1	-1.10	0.00	0.00
5	6	8	75	11.7	242.3	21.50	15.32	3.22	13.0	231.2	21.98	12.7	234.2	-1.43	0.00	0.00
6	6	8	75	11.1	259.9	21.07	15.10	4.27	13.4	249.1	21.46	14.1	245.7	-0.50	0.00	0.06
7	6	8	75	9.8	254.6	22.22	14.25	5.88	11.9	242.9	21.91	14.0	246.3	-0.12	0.00	0.29
8	6	8	75	8.3	255.7	23.35	13.92	9.73	9.7	238.5	22.62	11.3	242.4	0.84	0.00	0.51
9	6	8	75	10.8	253.1	24.70	13.68	10.89	11.8	241.3	23.69	13.6	245.8	1.07	0.00	0.87
10	6	8	75	10.1	268.3	25.48	13.30	11.64	10.7	255.7	24.43	11.6	264.1	1.03	0.00	1.14
11	6	8	75	4.0	270.3	25.51	12.68	25.53	4.2	284.5	24.89	5.5	308.0	0.83	0.00	0.93
12	6	8	75	3.8	247.5	25.31	13.22	10.44	4.1	240.4	24.61	4.7	232.8	0.58	0.00	0.63
13	6	8	75	14.1	280.9	20.41	19.06	7.24	18.4	275.4	21.18	21.0	281.7	-0.93	0.01	0.34
14	6	8	75	8.8	259.3	25.21	12.76	13.53	9.8	251.5	24.25	10.6	254.5	0.95	0.00	0.98
15	6	8	75	8.1	232.3	27.04	11.03	18.61	9.6	218.6	25.80	10.6	236.5	1.41	0.00	999.00
16	6	8	75	7.8	239.4	26.78	11.80	16.32	8.8	229.3	25.90	9.3	227.2	0.99	0.00	0.83
17	6	8	75	15.1	252.5	26.17	12.21	10.55	17.5	245.3	25.40	20.9	245.5	0.79	0.00	0.59
18	6	8	75	4.6	226.2	25.36	12.03	12.45	5.1	224.8	24.96	6.6	232.5	0.50	0.00	0.34
19	6	8	75	8.1	264.9	24.49	14.05	8.03	9.2	261.9	24.24	9.5	274.3	0.30	0.00	0.12
20	6	8	75	9.2	250.6	22.49	15.26	3.91	10.2	228.5	22.97	11.2	226.7	-1.26	0.00	0.02
21	6	8	75	7.9	244.0	22.79	15.23	3.72	8.2	226.6	22.96	8.9	219.6	-0.86	0.00	0.01
22	6	8	75	7.3	247.3	21.22	16.09	14.77	10.0	219.4	21.41	14.2	208.4	-1.63	0.00	0.00
23	6	8	75	5.5	257.8	20.75	16.42	12.88	7.0	217.8	20.75	14.8	214.1	-1.17	0.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
++	++	++	++													
0	7	8	75	3.8	237.2	20.74	16.50	19.84	7.1	210.8	20.63	12.3	209.8	-0.57	0.00	0.00
1	7	8	75	5.6	230.8	20.82	16.53	20.03	8.6	211.5	20.78	15.0	216.0	-0.51	0.00	0.00
2	7	8	75	5.0	258.1	20.77	16.40	15.59	6.5	232.1	20.63	11.8	225.2	-0.39	0.00	0.00
3	7	8	75	7.3	246.3	20.73	16.36	16.56	9.0	235.6	20.52	16.4	225.8	-0.14	0.00	0.00
4	7	8	75	7.4	216.0	20.17	16.66	15.82	10.5	215.3	20.06	18.2	224.0	-0.27	0.00	0.00
5	7	8	75	7.0	227.6	20.16	16.67	18.96	9.5	220.6	19.95	17.4	225.7	-0.12	0.00	0.00
6	7	8	75	9.4	218.6	20.38	16.35	15.88	12.3	209.6	20.16	19.6	223.7	0.02	0.00	0.04
7	7	8	75	11.7	218.8	21.57	14.85	15.89	15.1	207.4	21.00	19.6	222.6	0.62	0.00	0.27
8	7	8	75	12.2	211.9	22.79	14.62	13.73	14.1	208.8	21.93	17.8	220.3	1.02	0.00	0.52
9	7	8	75	15.0	195.4	24.12	13.92	13.63	18.4	193.5	22.90	20.0	211.0	1.06	0.00	0.88
10	7	8	75	11.0	213.4	25.47	13.42	20.17	14.3	204.6	24.22	16.7	217.3	1.30	0.00	1.14
11	7	8	75	11.8	241.7	26.06	12.91	17.45	13.7	232.7	24.75	15.8	233.0	1.32	0.00	1.36
12	7	8	75	14.3	198.5	26.32	12.28	13.59	17.7	192.6	24.81	19.0	205.0	1.24	0.00	1.46
13	7	8	75	11.5	245.0	26.96	12.10	14.84	13.3	238.3	25.55	15.9	241.4	1.38	0.00	1.20
14	7	8	75	12.6	234.3	26.97	12.30	16.18	14.4	226.9	25.82	15.8	233.3	1.15	0.00	1.08
15	7	8	75	12.0	223.9	27.06	11.91	17.12	14.4	215.9	26.22	15.5	222.2	0.94	0.00	0.91
16	7	8	75	14.2	284.2	26.97	12.61	7.96	15.9	274.9	26.23	17.1	278.1	0.71	0.00	0.73
17	7	8	75	11.4	355.7	23.33	15.28	19.81	14.0	349.7	23.99	14.8	352.4	-0.79	0.00	0.27
18	7	8	75	7.2	203.2	23.58	14.90	8.76	9.0	191.3	23.45	9.6	196.2	-0.06	0.00	0.19
19	7	8	75	8.1	235.8	23.03	14.93	10.57	9.6	232.5	22.77	12.1	231.0	0.09	0.00	0.13
20	7	8	75	10.5	254.6	21.30	15.74	7.95	12.0	240.4	21.66	16.5	243.8	-0.19	0.00	0.03
21	7	8	75	13.6	275.8	21.64	15.43	5.83	18.0	272.1	21.87	21.3	281.6	-0.81	0.00	0.01
22	7	8	75	14.3	279.7	19.75	15.98	4.99	19.8	282.3	20.83	22.6	293.2	-2.06	0.00	0.01
23	7	8	75	3.6	328.6	19.07	16.95	11.65	4.3	343.5	19.15	5.0	1.1	-0.56	0.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
0	8	8	75	1.7	249.0	19.14	17.29	18.48	1.7	18.9	17.39	2.5	106.2	-0.18	0.00	0.00
1	8	8	75	4.8	302.5	18.50	16.96	4.32	4.7	315.6	18.22	5.1	340.7	-0.26	0.00	0.00
2	8	8	75	5.7	309.0	16.69	17.30	11.38	5.7	326.8	16.57	7.7	0.0	-0.42	0.00	0.00
3	8	8	75	5.4	297.4	16.73	17.33	8.10	5.8	304.7	16.60	6.1	330.0	-0.21	0.00	0.00
4	8	8	75	2.9	291.1	16.69	17.84	5.62	2.7	317.7	16.08	2.2	4.4	-0.06	0.00	0.00
5	8	8	75	1.8	345.3	15.36	18.22	24.54	2.2	29.6	14.53	4.0	63.6	-0.13	0.00	0.00
6	8	8	75	2.9	221.0	14.98	17.25	4.74	2.2	237.3	14.03	1.8	250.0	-0.03	0.00	0.06
7	8	8	75	2.0	51.7	16.67	13.57	18.53	1.8	23.7	17.39	1.7	318.6	0.55	0.00	0.30
8	8	8	75	3.5	57.6	18.38	13.89	14.01	3.2	42.3	18.21	2.9	53.6	0.66	0.00	0.61
9	8	8	75	3.8	58.9	20.20	14.52	17.30	3.8	46.8	19.82	4.1	64.2	0.79	0.00	0.91
10	8	8	75	7.3	271.5	22.70	13.84	14.39	7.7	264.3	21.73	7.9	261.1	1.02	0.00	1.18
11	8	8	75	8.5	285.3	24.26	13.43	13.95	9.3	276.4	22.97	9.4	279.5	1.11	0.00	1.38
12	8	8	75	9.9	289.0	24.66	13.01	15.19	10.5	280.3	23.47	10.6	284.4	1.28	0.00	1.48
13	8	8	75	10.5	271.7	25.29	12.37	14.39	11.7	266.7	23.97	13.4	272.4	1.26	0.00	1.51
14	8	8	75	9.6	274.6	25.95	11.98	14.46	10.8	267.9	24.64	11.6	267.0	1.22	0.00	1.44
15	8	8	75	12.1	339.4	25.76	12.56	26.41	13.4	332.6	24.39	14.1	336.9	1.24	0.00	1.28
16	8	8	75	14.9	326.8	25.60	12.90	10.91	16.1	316.7	24.49	16.4	322.5	0.99	0.00	1.07
17	8	8	75	12.6	307.8	25.79	12.67	9.72	14.4	302.6	24.92	14.6	307.7	0.87	0.00	0.79
18	8	8	75	11.5	315.8	25.29	12.92	7.40	13.5	306.9	24.74	14.5	312.0	0.62	0.00	0.48
19	8	8	75	9.8	297.5	22.91	13.90	3.34	12.2	301.8	23.93	13.6	310.2	-1.16	0.00	0.19
20	8	8	75	12.2	293.4	21.50	15.38	3.02	13.3	306.5	23.45	13.6	322.0	-2.40	0.00	0.03
21	8	8	75	12.8	292.0	21.02	15.53	2.97	14.4	303.4	23.53	14.8	313.1	-2.81	0.00	0.00
22	8	8	75	4.2	325.7	19.72	16.50	16.85	4.6	347.4	19.81	7.0	15.5	-1.00	0.00	0.00
23	8	8	75	4.4	290.1	20.30	16.21	8.03	4.2	302.0	19.96	4.8	358.7	-0.30	0.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
0	9	8	75	2.0	270.8	20.64	16.81	4.83	1.9	297.3	18.35	1.7	9.2	0.00	0.00	0.00
1	9	8	75	2.3	306.0	19.94	16.39	12.28	2.7	1.1	19.21	5.2	48.6	-0.26	0.00	0.00
2	9	8	75	3.8	307.0	19.65	16.38	5.23	3.2	321.9	19.12	3.1	23.4	-0.13	0.00	0.00
3	9	8	75	4.9	292.3	18.65	16.71	3.40	2.9	308.1	18.31	2.4	44.1	-0.61	0.00	0.00
4	9	8	75	4.4	283.0	19.39	16.59	2.14	3.4	290.1	18.95	1.7	288.6	-0.21	0.00	0.00
5	9	8	75	4.8	305.1	16.77	17.57	10.10	3.9	341.0	16.45	5.4	9.4	-1.30	0.00	0.00
6	9	8	75	2.5	139.6	17.37	16.18	15.70	2.9	42.3	17.17	3.0	76.7	-0.11	0.00	0.06
7	9	8	75	1.4	218.2	17.73	12.30	10.52	1.5	208.9	18.19	2.0	161.0	0.35	0.00	0.30
8	9	8	75	3.2	74.9	20.01	13.03	16.45	3.2	67.8	19.96	3.4	70.4	0.66	0.00	0.63
9	9	8	75	6.3	57.8	21.22	14.09	14.34	6.6	51.4	20.49	6.9	59.9	0.85	0.00	0.90
10	9	8	75	4.2	28.2	22.60	13.90	24.96	4.7	3.0	21.90	4.6	350.7	0.94	0.00	1.15
11	9	8	75	5.6	75.4	24.02	12.99	15.85	5.8	57.9	23.15	5.8	69.7	0.92	0.00	1.28
12	9	8	75	4.7	6.9	25.62	11.52	24.39	5.2	341.5	24.64	5.7	324.7	1.02	0.00	1.35
13	9	8	75	5.4	352.4	26.12	11.32	22.03	4.8	333.3	25.22	5.3	316.4	1.01	0.00	1.34
14	9	8	75	6.0	212.4	27.49	10.45	27.87	7.5	190.0	26.15	9.1	199.1	1.56	0.00	1.39
15	9	8	75	9.0	356.3	27.17	11.71	27.07	9.5	344.4	25.98	9.9	333.0	1.17	0.00	1.24
16	9	8	75	12.4	317.3	27.05	12.16	14.57	14.1	310.2	25.94	14.7	312.0	1.14	0.00	0.98
17	9	8	75	10.1	313.6	26.79	11.93	13.52	11.5	307.4	25.86	12.5	314.5	1.02	0.00	0.76
18	9	8	75	9.6	330.9	25.83	12.92	7.84	10.4	325.1	25.28	10.6	330.8	0.60	0.00	0.43
19	9	8	75	8.5	294.2	22.15	14.90	3.43	10.2	313.9	23.55	10.9	330.6	-2.52	0.00	0.12
20	9	8	75	8.2	294.0	22.60	15.11	3.74	8.5	314.4	23.60	8.9	335.7	-1.94	0.00	0.02
21	9	8	75	6.2	287.4	23.63	14.72	3.02	5.1	302.6	23.43	3.8	334.9	-0.55	0.00	0.00
22	9	8	75	5.9	289.3	23.53	14.71	2.92	4.6	304.0	23.45	3.1	326.4	-0.57	0.00	0.00
23	9	8	75	5.6	284.3	23.40	14.75	2.86	4.1	298.1	23.26	2.6	312.7	-0.42	0.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
0	10	8	75	6.5	276.7	22.54	14.94	3.54	6.8	297.5	23.24	6.1	320.2	-1.48	0.00	0.00
1	10	8	75	8.1	210.7	20.67	16.05	4.66	7.7	205.9	20.80	5.9	236.1	-1.30	0.00	0.00
2	10	8	75	7.9	236.5	22.34	15.37	2.16	6.3	219.4	22.34	6.6	210.7	-0.48	0.00	0.00
3	10	8	75	8.0	244.9	22.78	15.08	1.19	6.4	226.9	23.16	5.7	222.1	-0.82	0.00	0.00
4	10	8	75	2.2	254.5	18.79	17.35	22.23	2.1	25.8	18.04	3.3	34.7	-1.30	0.00	0.00
5	10	8	75	2.7	218.5	19.95	16.59	10.34	2.0	186.7	19.36	2.2	173.4	-0.37	0.00	0.00
6	10	8	75	2.3	272.7	20.20	15.67	2.73	1.0	298.7	19.12	1.1	157.3	-0.24	0.00	0.06
7	10	8	75	3.3	115.4	19.17	14.65	9.55	3.3	98.1	19.50	3.1	119.9	-0.74	0.00	0.18
8	10	8	75	1.3	353.9	21.54	13.14	24.71	1.4	5.1	22.76	1.8	16.5	0.69	0.00	0.53
9	10	8	75	8.7	275.3	23.33	14.07	10.22	9.4	262.2	22.54	9.4	260.4	1.14	0.00	0.88
10	10	8	75	8.6	254.5	24.74	13.80	13.39	10.0	246.0	23.53	10.5	255.1	1.28	0.00	1.13
11	10	8	75	11.3	266.7	25.90	13.28	13.62	13.5	261.1	24.50	13.7	263.5	1.27	0.00	1.32
12	10	8	75	11.4	277.5	26.24	12.44	14.19	13.1	266.7	25.08	14.0	273.7	1.09	0.00	1.27
13	10	8	75	10.3	276.3	25.62	13.12	9.08	11.4	270.5	24.87	12.5	277.4	0.82	0.00	0.71
14	10	8	75	18.2	203.4	14.02	15.48	12.23	22.2	197.0	21.71	25.0	204.5	-7.79	0.00	0.14
15	10	8	75	6.3	184.1	21.59	15.04	16.01	8.3	188.8	20.99	9.1	205.5	0.51	0.00	0.31
16	10	8	75	10.1	154.2	22.98	13.49	11.75	12.0	143.7	22.34	12.9	156.6	0.72	0.00	0.45
17	10	8	75	7.0	154.1	22.68	13.88	12.28	8.2	147.4	21.93	8.5	151.0	0.81	0.00	0.48
18	10	8	75	1.9	314.6	21.53	14.72	12.21	2.3	332.1	20.96	1.8	23.0	0.30	0.00	0.21
19	10	8	75	3.3	191.1	20.39	16.68	3.44	4.0	176.4	20.30	3.9	151.7	-0.33	0.00	0.06
20	10	8	75	9.6	256.9	20.27	16.62	3.70	11.0	244.1	20.52	12.6	234.2	-0.75	0.00	0.01
21	10	8	75	7.8	261.2	20.20	16.56	6.64	8.4	244.7	19.99	10.7	236.6	0.09	0.00	0.00
22	10	8	75	7.4	262.5	20.60	16.17	7.17	8.1	239.5	20.42	10.2	253.3	-0.02	0.00	0.00
23	10	8	75	12.4	251.7	20.46	16.14	7.25	15.9	251.6	20.40	18.6	259.2	-0.13	0.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
0	11	8	75	13.8	253.2	20.06	16.31	6.79	17.5	249.8	19.96	21.3	254.8	-0.21	0.00	0.00
1	11	8	75	12.5	252.7	19.90	16.42	7.94	15.8	245.2	19.69	18.8	253.6	0.08	0.00	0.00
2	11	8	75	14.2	257.8	20.34	16.09	6.75	17.2	253.7	20.09	20.2	260.7	0.10	0.00	0.00
3	11	8	75	3.6	63.8	19.03	16.80	12.71	4.7	33.2	18.67	5.4	15.1	0.18	0.00	0.00
4	11	8	75	4.1	192.2	18.51	17.42	6.17	5.3	174.5	18.51	5.5	167.9	-0.47	0.00	0.00
5	11	8	75	5.6	252.3	18.25	17.40	14.19	6.3	235.6	17.96	9.9	227.4	0.16	0.00	0.00
6	11	8	75	6.9	276.4	18.08	17.42	9.44	9.1	272.9	17.80	11.9	286.5	0.09	0.00	0.05
7	11	8	75	3.9	224.6	18.75	16.67	12.23	4.7	224.5	18.28	5.3	240.7	0.50	0.00	0.15
8	11	8	75	6.2	256.7	19.45	16.31	10.74	7.2	248.6	18.79	8.0	254.3	0.75	0.00	0.29
9	11	8	75	7.0	237.5	19.64	16.24	14.85	8.1	232.2	18.99	10.2	240.3	0.89	0.00	0.44
10	11	8	75	14.6	291.6	20.15	16.37	8.60	15.5	280.9	18.99	15.6	282.2	0.89	0.00	0.92
11	11	8	75	8.8	302.0	20.16	16.19	9.64	9.4	294.5	19.24	10.0	298.7	0.99	0.00	0.67
12	11	8	75	7.1	244.8	21.69	14.27	18.48	7.8	236.9	20.47	7.9	242.7	1.13	0.00	1.03
13	11	8	75	7.9	266.9	20.98	15.55	10.27	8.9	259.5	20.22	9.4	263.5	0.79	0.00	0.51
14	11	8	75	9.2	193.1	21.26	14.62	13.30	10.1	190.6	20.25	10.3	208.8	1.06	0.00	0.81
15	11	8	75	12.9	141.2	21.48	14.65	12.40	13.7	136.4	20.39	14.4	143.1	1.16	0.00	1.11
16	11	8	75	12.3	126.7	21.78	13.59	10.23	13.4	118.2	20.64	13.9	126.5	1.32	0.00	1.12
17	11	8	75	9.5	128.3	21.56	13.90	9.23	11.1	118.2	20.68	11.2	130.4	1.13	0.00	0.76
18	11	8	75	5.7	157.3	20.39	17.14	11.49	7.2	144.7	19.67	8.2	148.3	0.59	0.00	0.23
19	11	8	75	3.7	256.8	19.48	21.96	14.50	4.9	230.5	19.09	7.6	216.8	0.18	0.00	0.05
20	11	8	75	30.8	291.0	8.02	61.72	6.42	37.1	280.2	12.94	41.1	286.3	-4.69	0.01	0.02
21	11	8	75	12.9	340.0	12.47	76.24	15.88	15.2	331.7	12.16	16.7	336.2	0.30	0.00	0.02
22	11	8	75	4.9	150.2	11.80	76.49	8.49	5.6	122.6	11.56	6.0	92.1	-0.18	0.00	0.02
23	11	8	75	5.4	194.0	11.02	80.37	6.73	6.6	174.1	10.78	7.4	172.9	0.13	0.00	0.02

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
++	++	++	++													
0	12	8	75	5.0	222.3	11.16	81.36	5.04	5.8	201.2	11.01	6.0	194.6	0.02	0.00	0.02
1	12	8	75	7.4	248.2	11.67	78.80	4.60	6.6	229.9	11.69	5.1	219.7	-0.18	0.00	0.02
2	12	8	75	4.6	273.8	11.57	75.02	8.10	5.6	242.5	12.04	6.4	221.1	-1.16	0.00	0.02
3	12	8	75	6.5	237.0	14.24	58.57	2.77	5.2	220.2	14.49	4.4	231.8	-0.72	0.00	0.02
4	12	8	75	0.8	176.1	13.82	61.63	10.84	1.2	164.3	12.18	2.1	163.5	-0.19	0.00	0.02
5	12	8	75	2.1	79.4	10.86	68.47	9.37	2.4	72.9	10.39	3.7	115.3	-0.17	0.00	0.02
6	12	8	75	1.8	260.5	12.29	73.06	8.41	2.1	279.2	11.76	2.3	264.8	-0.89	0.00	999.00
7	12	8	75	1.5	352.4	15.04	26.29	16.99	1.9	275.5	15.72	2.3	261.7	-0.02	0.00	999.00
8	12	8	75	2.9	64.6	14.67	33.63	11.78	2.7	49.2	14.78	2.2	62.9	0.52	0.00	999.00
9	12	8	75	5.3	76.2	16.58	33.17	8.69	5.1	68.4	16.02	5.5	85.2	0.76	0.00	999.00
10	12	8	75	5.6	85.2	18.80	26.33	14.92	6.0	74.9	18.00	6.5	82.3	0.87	0.00	999.00
11	12	8	75	6.3	111.3	21.10	16.60	19.10	6.9	124.8	20.29	7.0	142.1	0.95	0.00	999.00
12	12	8	75	5.1	309.2	20.25	18.65	19.86	5.6	330.8	19.58	6.1	344.0	0.78	0.00	999.00
13	12	8	75	3.7	115.3	21.21	14.47	15.13	3.5	103.0	20.88	2.6	115.1	0.60	0.00	999.00
14	12	8	75	5.9	301.5	21.15	17.16	14.83	7.0	299.0	20.45	7.0	311.5	0.76	0.00	999.00
15	12	8	75	6.4	281.3	21.22	16.25	10.26	7.0	279.0	20.64	7.2	281.7	0.72	0.00	999.00
16	12	8	75	9.1	274.2	20.80	17.92	12.09	10.5	267.6	20.23	11.4	277.3	0.63	0.00	999.00
17	12	8	75	19.5	323.8	17.56	21.33	8.61	22.5	315.2	16.92	25.2	320.4	0.63	0.00	999.00
18	12	8	75	9.0	335.6	16.91	24.04	16.46	11.0	327.5	16.35	12.2	332.2	0.57	0.00	999.00
19	12	8	75	4.8	135.3	16.45	24.22	5.68	5.2	127.2	16.10	4.9	141.1	0.13	0.00	999.00
20	12	8	75	3.8	41.9	15.00	35.51	8.73	4.8	38.8	14.60	6.3	53.4	0.29	0.00	999.00
21	12	8	75	4.8	196.0	14.00	43.41	10.28	6.8	182.3	13.76	8.4	182.4	0.05	0.00	999.00
22	12	8	75	4.9	243.7	13.17	57.87	13.36	6.6	210.6	13.03	9.2	202.1	-0.15	0.00	999.00
23	12	8	75	6.6	231.2	14.13	46.41	5.55	7.6	207.4	14.31	8.2	200.2	-0.44	0.00	999.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
++	++	++	++													
0	13	8	75	2.9	253.1	14.33	42.53	9.91	2.3	225.0	14.16	2.7	189.5	-0.56	0.00	999.00
1	13	8	75	2.2	240.1	15.15	39.57	5.84	1.2	254.2	13.84	1.3	187.5	0.17	0.00	999.00
2	13	8	75	3.4	281.3	15.14	38.37	2.44	3.0	290.6	13.96	2.2	310.1	0.25	0.00	999.00
3	13	8	75	5.2	248.4	15.03	36.14	5.41	4.0	250.0	14.59	3.1	263.0	0.16	0.00	999.00
4	13	8	75	3.7	344.8	12.59	45.05	27.36	4.3	330.4	12.19	5.4	313.4	-0.24	0.00	999.00
5	13	8	75	1.7	347.1	12.75	55.72	23.78	2.3	336.7	12.33	2.3	331.7	-0.34	0.00	999.00
6	13	8	75	3.1	283.0	13.26	51.80	4.66	3.0	298.1	12.99	3.0	307.0	-0.15	0.00	999.00
7	13	8	75	3.4	187.3	13.58	38.77	6.92	3.4	182.7	13.47	2.7	172.5	-0.29	0.00	999.00
8	13	8	75	3.1	48.6	14.73	31.07	8.85	3.1	37.0	14.55	2.9	54.2	0.55	0.00	999.00
9	13	8	75	2.5	172.4	15.93	27.55	19.11	2.6	176.9	15.64	2.7	191.3	0.69	0.00	999.00
10	13	8	75	5.8	227.7	16.55	20.19	22.47	6.7	225.6	17.72	7.5	236.9	1.01	0.00	999.00
11	13	8	75	11.7	273.4	19.30	19.10	12.18	12.9	266.4	18.16	12.7	270.0	0.94	0.00	999.00
12	13	8	75	11.7	282.8	18.14	20.94	7.60	12.6	276.1	17.45	13.5	280.1	0.75	0.00	999.00
13	13	8	75	6.7	232.1	18.09	22.01	14.71	7.8	282.3	17.42	7.8	288.1	0.67	0.00	999.00
14	13	8	75	9.8	272.7	19.48	16.68	11.50	10.8	268.9	18.32	11.6	277.7	1.11	0.00	999.00
15	13	8	75	12.7	290.3	20.13	16.11	10.75	13.5	283.7	19.11	14.1	287.3	1.02	0.00	999.00
16	13	8	75	14.0	344.2	18.76	19.08	29.53	15.9	337.0	17.74	15.8	341.1	1.06	0.00	999.00
17	13	8	75	22.4	257.0	16.23	44.19	8.41	26.0	250.4	12.59	29.8	258.7	3.60	0.00	999.00
18	13	8	75	10.9	280.8	13.24	48.03	5.93	13.5	282.7	14.27	14.3	298.2	-1.78	0.00	999.00
19	13	8	75	12.3	278.8	14.16	31.88	6.33	16.5	277.4	14.52	19.3	291.2	-1.15	0.00	999.00
20	13	8	75	10.8	265.1	14.60	27.62	7.42	15.4	268.7	15.24	16.9	284.3	-1.33	0.00	999.00
21	13	8	75	4.2	188.2	13.21	37.08	4.55	5.1	169.3	13.19	6.7	157.9	-0.59	0.00	999.00
22	13	8	75	3.6	241.3	13.42	34.07	7.81	3.0	218.2	13.39	2.3	168.6	-0.84	0.00	999.00
23	13	8	75	4.7	280.3	13.12	36.37	4.31	4.1	292.9	12.32	2.8	307.7	-0.28	0.00	999.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
++	++	++	++													
0	14	8	75	6.7	261.6	14.67	28.51	1.86	6.2	261.5	14.64	6.2	269.6	-0.19	0.00	999.00
1	14	8	75	10.1	250.2	13.62	30.95	4.74	13.1	251.6	14.10	13.6	264.2	-0.83	0.00	999.00
2	14	8	75	6.4	270.7	13.34	33.98	4.44	7.8	280.5	13.74	8.4	290.9	-0.69	0.00	999.00
3	14	8	75	3.3	252.5	12.50	36.48	9.77	4.3	253.7	12.29	5.5	261.1	-0.39	0.00	999.00
4	14	8	75	5.2	287.5	11.96	36.80	14.30	6.2	251.1	12.62	7.6	236.3	-1.65	0.00	999.00
5	14	8	75	3.6	218.1	12.16	40.53	6.91	3.2	198.6	11.99	3.4	184.7	-0.39	0.00	999.00
6	14	8	75	3.7	209.4	12.56	35.78	8.00	5.3	191.9	12.46	6.5	185.1	-0.23	0.00	999.00
7	14	8	75	1.4	130.8	14.26	23.57	7.83	1.0	242.3	14.22	1.8	199.2	0.33	0.00	999.00
8	14	8	75	4.3	159.6	16.33	20.23	12.08	4.7	158.8	15.83	4.2	176.5	0.79	0.00	999.00
9	14	8	75	10.8	263.5	18.09	19.19	9.08	11.7	255.2	17.20	11.6	257.3	0.86	0.00	999.00
10	14	8	75	11.2	266.5	18.30	19.81	8.36	12.5	256.6	17.45	13.0	259.1	0.92	0.00	999.00
11	14	8	75	11.7	260.7	19.44	18.75	8.38	13.3	248.7	18.25	14.4	252.1	1.02	0.00	999.00
12	14	8	75	8.8	252.7	18.76	19.50	8.57	9.6	245.7	18.12	11.1	252.0	0.75	0.00	999.00
13	14	8	75	11.7	217.6	16.12	30.04	11.62	14.3	210.6	14.29	17.0	225.3	-0.01	0.00	999.00
14	14	8	75	10.1	252.1	15.79	28.42	3.17	11.9	241.9	16.61	13.1	246.0	-1.31	0.00	999.00
15	14	8	75	7.6	239.1	19.68	16.16	12.64	8.9	235.4	18.92	10.2	245.5	0.91	0.00	999.00
16	14	8	75	21.4	280.3	8.99	57.04	6.69	26.6	275.5	8.74	29.4	285.4	-2.44	0.00	999.00
17	14	8	75	6.6	341.5	11.88	57.10	27.51	9.7	332.6	11.96	12.6	341.1	-0.71	0.00	999.00
18	14	8	75	5.6	201.5	13.02	53.77	10.92	7.3	181.8	12.83	8.6	183.3	0.04	0.00	999.00
19	14	8	75	3.3	220.7	13.14	46.13	7.83	3.6	199.1	12.95	3.7	190.6	0.05	0.00	999.00
20	14	8	75	2.6	270.5	12.86	50.00	12.89	1.7	313.1	12.42	1.6	336.9	-0.34	0.00	999.00
21	14	8	75	3.4	215.6	12.45	53.92	5.61	3.2	203.4	12.11	3.6	168.2	-0.71	0.00	999.00
22	14	8	75	1.9	330.6	11.00	64.18	31.12	3.2	28.3	10.64	5.0	61.7	-0.05	0.00	999.00
23	14	8	75	4.3	264.0	10.93	62.69	6.19	3.0	249.5	11.20	2.0	249.6	-0.74	0.00	999.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
++	++	++	++													
0	15	8	75	2.9	324.0	9.45	74.56	11.29	3.2	347.7	8.83	3.9	49.0	-0.38	0.00	999.00
1	15	8	75	1.9	222.1	10.82	74.91	7.79	1.1	248.7	8.66	1.5	199.7	-0.08	0.00	999.00
2	15	8	75	2.2	340.6	10.42	69.82	22.05	2.6	29.2	9.41	2.8	51.5	-0.29	0.00	999.00
3	15	8	75	2.4	266.5	11.35	68.22	4.12	1.6	252.2	9.37	1.8	182.5	0.11	0.00	999.00
4	15	8	75	1.6	194.4	11.62	58.21	7.79	2.2	174.1	10.25	2.6	191.7	-0.89	0.00	999.00
5	15	8	75	2.8	327.4	11.15	52.75	11.55	2.7	10.4	10.29	2.6	47.0	-0.45	0.00	999.00
6	15	8	75	2.8	305.0	11.03	47.09	3.71	3.0	312.6	10.45	2.7	350.4	-0.12	0.00	999.00
7	15	8	75	1.9	32.2	11.54	24.35	9.79	2.1	22.8	11.82	3.0	30.0	0.16	0.00	999.00
8	15	8	75	1.6	54.8	13.43	24.93	21.60	1.5	28.5	14.43	1.4	80.2	0.59	0.00	999.00
9	15	8	75	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	0.00	999.00
10	15	8	75	9.2	266.4	14.19	19.30	11.91	10.2	289.3	18.06	9.8	254.1	0.58	0.00	999.00
11	15	8	75	8.8	248.9	19.83	17.44	12.51	9.8	237.9	18.81	11.6	247.5	1.05	0.00	999.00
12	15	8	75	15.0	292.6	20.13	15.74	9.10	16.7	284.1	18.96	17.3	290.4	0.86	0.00	999.00
13	15	8	75	7.8	243.3	19.00	17.44	12.75	9.7	232.9	18.54	10.9	246.2	0.43	0.00	999.00
14	15	8	75	10.0	250.3	19.17	16.50	13.12	11.2	237.5	18.59	15.5	238.9	0.51	0.00	999.00
15	15	8	75	9.1	288.5	21.09	14.17	17.98	11.1	212.3	20.07	12.1	218.9	1.11	0.00	999.00
16	15	8	75	11.1	186.6	20.47	15.06	11.79	13.8	179.0	19.37	14.2	191.2	1.12	0.00	999.00
17	15	8	75	6.8	196.5	21.16	12.80	13.82	9.1	185.9	20.30	9.5	199.9	0.86	0.00	999.00
18	15	8	75	2.7	201.0	20.55	14.37	5.87	3.3	197.9	20.15	3.6	209.3	0.42	0.00	999.00
19	15	8	75	3.0	211.2	19.70	16.98	6.54	3.0	194.2	19.19	3.1	199.0	-0.20	0.00	999.00
20	15	8	75	4.6	224.1	19.40	18.06	4.00	3.6	210.6	19.12	3.0	228.7	-0.37	0.00	999.00
21	15	8	75	5.1	327.0	16.61	19.35	19.12	4.3	340.8	16.31	6.0	11.6	-0.25	0.00	999.00
22	15	8	75	3.8	303.6	16.44	19.39	10.81	3.7	338.0	16.11	5.7	24.5	-0.36	0.00	999.00
23	15	8	75	3.3	301.4	15.71	20.15	4.65	2.5	342.5	15.33	3.6	50.4	-0.55	0.00	999.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
++	++	++	++													
0	16	8	75	3.0	271.1	16.12	20.70	7.22	2.3	293.5	14.93	2.4	49.1	0.14	0.00	999.00
1	16	8	75	1.9	248.6	16.04	21.28	5.82	1.4	266.6	13.99	1.3	213.3	0.17	0.00	999.00
2	16	8	75	2.3	219.1	15.82	21.27	6.46	1.6	262.2	13.89	0.9	90.7	-0.16	0.00	999.00
3	16	8	75	1.6	292.8	15.41	22.49	5.41	1.7	320.3	13.63	1.5	71.6	-0.15	0.00	999.00
4	16	8	75	2.8	277.8	15.27	21.84	1.40	2.3	291.2	14.30	1.0	278.4	-0.16	0.00	999.00
5	16	8	75	3.1	248.9	15.97	20.98	2.81	2.5	240.5	15.18	1.7	237.1	0.32	0.00	999.00
6	16	8	75	3.9	279.5	15.30	20.33	7.13	3.9	309.1	15.24	3.1	338.1	-0.35	0.00	999.00
7	16	8	75	3.5	302.2	16.02	19.31	9.00	2.4	320.3	16.08	2.5	349.9	-0.35	0.00	999.00
8	16	8	75	1.9	158.5	14.86	21.09	12.66	3.3	181.7	15.05	4.5	131.6	-0.66	0.00	999.00
9	16	8	75	7.6	151.5	19.00	16.21	10.68	9.0	145.5	18.16	9.2	153.3	0.89	0.00	999.00
10	16	8	75	7.6	104.5	19.84	15.51	11.24	8.6	95.5	19.06	9.1	108.5	0.84	0.00	999.00
11	16	8	75	5.8	291.2	21.03	14.70	18.55	6.1	288.5	20.45	6.4	299.5	0.77	0.00	999.00
12	16	8	75	11.4	298.7	21.19	14.91	10.01	12.3	293.6	20.08	12.8	299.7	0.99	0.00	999.00
13	16	8	75	18.8	272.8	18.89	16.63	9.54	21.5	267.0	18.54	24.0	274.0	0.41	0.00	999.00
14	16	8	75	7.4	332.1	19.31	17.04	12.51	8.4	325.3	18.51	8.1	330.3	0.72	0.01	999.00
15	16	8	75	11.6	292.1	18.17	18.29	7.65	14.2	285.6	17.73	16.5	294.0	0.35	0.00	999.00
16	16	8	75	6.4	266.4	20.64	14.66	9.77	6.7	257.8	19.83	7.2	256.3	0.85	0.00	999.00
17	16	8	75	7.6	191.6	21.32	13.22	10.90	9.0	180.3	20.64	9.2	193.7	0.71	0.00	999.00
18	16	8	75	9.9	197.7	17.72	17.17	19.18	12.6	199.1	18.63	14.0	213.6	-0.73	0.00	999.00
19	16	8	75	7.0	243.7	18.07	18.70	3.56	7.6	241.2	18.33	7.9	252.8	-0.52	0.00	999.00
20	16	8	75	8.5	283.6	17.68	17.93	3.00	9.0	294.6	18.72	9.7	302.0	-1.38	0.00	999.00
21	16	8	75	9.9	256.1	17.17	17.94	4.49	10.7	231.2	17.38	13.1	226.0	-1.08	0.00	999.00
22	16	8	75	9.8	244.8	18.29	17.82	2.11	9.2	228.3	18.49	8.4	223.9	-0.77	0.00	999.00
23	16	8	75	12.0	249.7	17.35	17.97	2.18	13.3	246.7	18.15	14.1	258.9	-1.17	0.00	999.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
0	17	8	75	11.6	250.5	16.81	18.47	2.53	12.9	250.6	17.78	13.8	263.7	-1.33	0.00	999.00
1	17	8	75	11.6	249.0	17.14	18.19	1.45	12.0	238.2	17.89	12.3	245.5	-1.03	0.00	999.00
2	17	8	75	9.6	250.7	16.69	18.26	3.10	9.9	239.8	17.14	10.2	256.5	-0.73	0.00	999.00
3	17	8	75	5.7	216.3	14.63	20.17	6.86	5.8	201.4	14.62	5.7	212.2	-0.65	0.00	999.00
4	17	8	75	12.3	262.2	14.38	19.96	4.37	14.8	250.4	14.63	16.7	240.0	-0.97	0.00	999.00
5	17	8	75	12.1	256.0	14.80	19.99	3.98	14.5	245.6	15.11	15.1	240.5	-0.60	0.00	999.00
6	17	8	75	10.7	258.2	14.61	19.80	4.28	12.9	248.8	15.06	15.5	243.0	-0.69	0.00	999.00
7	17	8	75	5.9	228.9	16.89	17.37	17.93	7.1	217.3	16.42	10.8	229.2	0.54	0.00	999.00
8	17	8	75	8.1	208.1	18.62	16.82	15.95	9.7	202.1	17.83	11.9	221.7	1.10	0.00	999.00
9	17	8	75	9.0	211.0	19.65	16.27	16.10	11.0	208.3	18.65	13.2	223.0	1.33	0.00	999.00
10	17	8	75	9.6	269.7	20.26	16.01	10.75	10.2	255.5	19.41	10.0	249.2	0.76	0.00	999.00
11	17	8	75	6.9	221.7	21.50	14.93	19.18	8.3	214.3	20.40	9.1	219.7	0.99	0.00	999.00
12	17	8	75	8.5	206.1	22.52	13.73	20.17	10.0	202.7	21.10	11.1	212.2	1.36	0.00	999.00
13	17	8	75	12.1	185.2	22.29	13.71	11.98	14.5	178.2	20.88	15.4	188.9	1.09	0.00	999.00
14	17	8	75	11.0	186.8	22.68	13.26	15.93	12.6	179.4	21.45	13.2	190.8	1.11	0.00	999.00
15	17	8	75	11.7	191.6	22.93	13.30	13.59	14.0	183.8	21.79	14.5	196.3	1.00	0.00	999.00
16	17	8	75	7.7	225.2	23.59	12.48	17.21	10.0	216.5	22.62	11.4	222.2	1.01	0.00	999.00
17	17	8	75	11.6	195.6	23.11	12.75	11.72	15.2	191.5	22.27	16.3	202.9	0.80	0.00	999.00
18	17	8	75	8.9	205.7	22.47	13.27	12.20	10.9	208.9	22.04	13.6	218.1	0.43	0.00	999.00
19	17	8	75	5.6	244.8	20.97	14.62	9.08	6.9	230.2	20.77	9.8	231.8	-0.13	0.00	999.00
20	17	8	75	7.0	250.1	19.63	16.38	7.31	8.8	217.0	20.26	10.4	209.7	-1.44	0.00	999.00
21	17	8	75	7.4	250.3	18.74	16.86	10.06	9.9	211.8	19.42	11.7	198.3	-1.79	0.00	999.00
22	17	8	75	7.8	243.5	18.76	16.86	9.71	9.9	216.8	19.23	12.5	206.3	-2.03	0.00	999.00
23	17	8	75	9.4	253.1	18.77	16.83	5.34	10.1	224.9	19.23	12.6	216.1	-1.89	0.00	999.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
0	18	8	75	6.6	251.2	18.07	17.20	14.30	8.9	224.2	18.20	15.4	209.5	-1.79	0.00	999.00
1	18	8	75	7.9	261.6	17.82	17.25	10.23	9.0	225.8	17.85	15.4	221.8	-1.46	0.00	999.00
2	18	8	75	8.4	214.9	17.99	17.48	16.08	11.6	213.8	17.97	18.8	217.8	-0.59	0.00	999.00
3	18	8	75	9.0	254.6	17.29	17.54	11.93	8.8	230.8	17.08	14.7	227.7	-0.39	0.00	999.00
4	18	8	75	6.3	224.5	17.01	17.75	16.64	9.2	217.8	16.91	17.0	220.6	-0.46	0.00	999.00
5	18	8	75	9.0	213.9	16.66	18.24	16.36	12.0	211.6	16.56	19.7	219.0	-0.36	0.00	999.00
6	18	8	75	9.0	217.9	16.75	17.92	16.74	12.0	213.7	16.56	19.2	216.7	-0.03	0.00	999.00
7	18	8	75	9.9	204.7	18.30	16.04	12.90	13.1	199.6	17.72	15.5	216.0	0.67	0.00	999.00
8	18	8	75	12.1	202.6	19.95	16.15	13.92	15.6	196.6	18.97	19.0	212.1	1.12	0.00	999.00
9	18	8	75	13.5	185.8	20.61	15.70	12.04	16.9	178.1	19.45	17.2	191.0	1.01	0.00	999.00
10	18	8	75	12.7	194.6	20.66	15.67	11.67	16.1	190.6	19.93	17.7	202.2	0.72	0.00	999.00
11	18	8	75	13.7	204.5	23.13	14.55	15.31	16.5	194.9	21.67	18.5	214.6	1.33	0.00	999.00
12	18	8	75	13.0	210.2	23.38	13.60	17.72	16.2	207.8	21.94	18.8	218.6	1.42	0.00	999.00
13	18	8	75	13.6	216.1	23.50	13.18	18.23	14.3	211.7	22.24	16.9	218.8	1.07	0.00	999.00
14	18	8	75	12.4	199.1	24.25	12.79	15.08	15.0	185.7	22.76	17.5	205.3	1.39	0.00	999.00
15	18	8	75	10.3	209.1	24.63	12.50	17.96	13.7	198.8	23.37	15.5	212.3	1.26	0.00	999.00
16	18	8	75	12.3	210.8	23.92	13.09	15.85	15.7	196.1	22.98	18.9	213.8	0.92	0.00	999.00
17	18	8	75	12.8	215.6	23.89	12.78	16.93	15.9	210.5	23.08	20.7	224.9	0.84	0.00	999.00
18	18	8	75	8.2	216.6	23.09	12.94	16.40	11.2	208.9	22.65	15.2	220.4	0.44	0.00	999.00
19	18	8	75	5.8	239.3	20.81	14.84	16.75	7.2	216.4	20.62	11.9	222.0	-0.16	0.00	999.00
20	18	8	75	7.7	257.1	19.36	16.46	10.33	9.0	224.6	19.36	13.7	222.3	-1.35	0.00	999.00
21	18	8	75	7.0	254.6	18.31	16.69	12.20	9.3	224.7	18.53	14.3	208.8	-1.97	0.00	999.00
22	18	8	75	6.2	250.6	18.11	16.90	14.59	8.2	216.9	18.05	17.2	213.3	-1.11	0.00	999.00
23	18	8	75	6.9	253.7	17.52	17.05	14.21	9.4	222.9	17.65	15.7	213.5	-1.53	0.00	999.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
++	++	++	++													
0	19	8	75	5.9	249.6	17.24	17.24	17.20	7.9	228.2	17.20	15.3	214.6	-1.32	0.00	999.00
1	19	8	75	5.1	244.0	17.15	17.05	15.96	7.5	218.5	17.06	13.0	219.5	-0.71	0.00	999.00
2	19	8	75	5.8	251.6	16.94	17.38	15.71	8.4	216.5	17.27	13.8	205.1	-1.95	0.00	999.00
3	19	8	75	6.5	223.3	16.93	17.49	14.47	11.2	204.8	17.22	15.7	206.5	-1.14	0.00	999.00
4	19	8	75	5.0	239.6	16.29	17.53	20.24	6.8	218.7	16.23	14.4	218.5	-0.58	0.00	999.00
5	19	8	75	4.4	234.8	15.96	17.78	19.66	6.1	226.7	15.66	13.7	225.0	-0.19	0.00	999.00
6	19	8	75	4.0	226.5	15.42	17.73	22.25	6.1	221.1	15.16	11.3	221.4	-0.25	0.00	999.00
7	19	8	75	5.4	183.0	16.61	14.86	15.28	7.2	187.3	16.26	8.4	210.1	0.31	0.00	999.00
8	19	8	75	11.1	192.1	18.08	16.01	13.70	13.6	185.0	17.24	14.7	202.0	0.94	0.00	999.00
9	19	8	75	15.4	197.9	19.05	15.75	14.66	19.9	188.7	17.93	21.1	205.5	0.98	0.00	999.00
10	19	8	75	15.9	219.0	20.39	15.49	16.29	17.5	211.6	19.08	21.8	225.2	1.14	0.00	999.00
11	19	8	75	11.7	219.3	21.29	14.71	18.67	14.0	208.7	20.05	16.3	222.0	1.30	0.00	999.00
12	19	8	75	11.7	212.7	21.56	14.26	16.52	13.9	206.3	20.30	16.7	217.9	1.31	0.00	999.00
13	19	8	75	13.6	223.0	22.34	13.64	18.01	16.3	212.8	20.99	19.4	223.8	1.17	0.00	999.00
14	19	8	75	12.4	229.1	23.01	13.53	16.56	14.0	218.6	21.74	15.8	230.5	1.25	0.00	999.00
15	19	8	75	15.2	193.5	21.88	14.51	12.67	19.6	189.6	20.87	22.4	200.4	0.85	0.00	999.00
16	19	8	75	9.9	217.3	21.94	13.94	18.07	12.0	212.9	21.01	15.2	224.6	1.07	0.00	999.00
17	19	8	75	10.6	204.7	20.71	14.76	15.33	12.7	201.5	20.05	15.1	219.1	0.74	0.00	999.00
18	19	8	75	7.9	197.9	20.33	15.58	11.87	10.4	194.9	19.83	11.5	207.3	0.56	0.00	999.00
19	19	8	75	5.8	206.2	19.44	16.30	13.00	7.7	201.1	19.15	11.0	210.7	0.04	0.00	999.00
20	19	8	75	6.0	203.3	17.95	17.24	10.40	8.4	200.5	17.96	12.3	205.8	-0.48	0.00	999.00
21	19	8	75	5.2	246.9	17.50	17.47	14.32	7.1	218.1	17.41	10.8	208.7	-0.51	0.00	999.00
22	19	8	75	4.8	193.2	16.81	17.72	6.00	7.2	182.2	17.21	9.5	179.9	-0.99	0.00	999.00
23	19	8	75	7.8	264.7	16.40	18.54	4.86	8.4	270.7	16.57	7.3	274.6	-0.75	0.00	999.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
0	20	8	75	7.5	278.0	15.38	19.71	3.86	8.8	281.4	15.33	9.4	275.0	-0.42	0.00	999.00
1	20	8	75	8.9	259.1	15.57	19.46	3.23	9.9	258.8	15.96	7.9	264.5	-0.99	0.00	999.00
2	20	8	75	3.1	189.2	15.73	19.81	12.35	2.9	324.3	15.65	1.7	134.4	-0.99	0.00	999.00
3	20	8	75	2.5	335.2	15.91	20.01	14.51	2.7	2.2	15.09	2.7	41.9	0.10	0.00	999.00
4	20	8	75	3.2	283.7	14.24	21.74	4.12	1.6	316.5	13.32	0.7	80.4	-0.33	0.00	999.00
5	20	8	75	2.0	212.1	14.41	22.06	7.48	1.6	220.4	13.30	0.6	174.8	-0.26	0.00	999.00
6	20	8	75	4.1	215.0	14.66	21.33	7.47	4.3	212.3	14.63	3.2	192.5	-0.25	0.00	999.00
7	20	8	75	5.2	240.4	15.52	20.33	3.56	5.6	222.8	15.31	5.0	219.4	0.03	0.00	999.00
8	20	8	75	3.4	180.8	16.27	18.83	8.50	3.8	170.9	15.80	3.8	174.6	0.52	0.00	999.00
9	20	8	75	3.2	166.9	17.63	16.98	13.25	3.2	175.5	17.15	2.7	204.0	0.64	0.00	999.00
10	20	8	75	3.5	128.3	19.45	15.23	24.50	4.9	134.6	18.81	5.1	151.3	0.86	0.00	999.00
11	20	8	75	6.8	214.7	19.70	15.21	16.23	7.4	207.9	19.07	8.9	225.6	0.85	0.00	999.00
12	20	8	75	7.9	165.0	20.20	13.89	16.19	10.1	162.5	19.65	10.5	177.0	0.87	0.00	999.00
13	20	8	75	9.5	168.1	18.58	17.33	14.83	11.3	161.8	18.11	11.6	181.5	0.52	0.00	999.00
14	20	8	75	10.8	289.5	19.26	16.85	13.24	11.5	280.2	18.50	12.1	284.8	0.87	0.00	999.00
15	20	8	75	4.8	221.7	19.32	16.16	16.52	5.0	221.0	18.81	5.6	222.9	0.67	0.00	999.00
16	20	8	75	5.2	102.1	19.28	15.96	11.01	5.6	91.9	18.69	6.1	94.0	0.68	0.00	999.00
17	20	8	75	3.6	284.1	19.84	14.05	15.25	3.8	289.3	19.72	3.6	293.2	0.61	0.00	999.00
18	20	8	75	4.3	235.6	18.99	17.18	11.73	5.9	228.2	18.56	8.2	225.2	0.35	0.00	999.00
19	20	8	75	8.7	268.2	17.62	19.02	6.37	11.1	266.2	17.35	12.6	276.4	0.16	0.00	999.00
20	20	8	75	12.6	262.4	15.85	25.06	7.49	15.0	257.4	15.57	17.6	267.4	0.18	0.00	999.00
21	20	8	75	13.0	270.2	14.12	31.92	7.70	16.1	263.5	13.75	18.3	271.3	0.32	0.00	999.00
22	20	8	75	13.3	275.0	12.33	47.02	7.81	16.1	267.4	12.40	17.7	278.1	0.36	0.00	999.00
23	20	8	75	10.1	283.4	12.72	48.53	6.16	11.9	274.1	12.38	13.5	283.0	0.32	0.00	999.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
++	++	++	++													
0	21	8	75	6.6	266.6	11.78	70.19	7.57	9.3	269.9	11.95	10.6	283.5	-0.61	0.00	999.00
1	21	8	75	7.8	280.6	12.51	59.46	4.89	9.3	276.5	12.34	10.1	268.9	0.05	0.00	999.00
2	21	8	75	6.1	260.7	12.45	55.92	4.89	7.1	269.5	12.34	6.9	290.2	-0.25	0.00	999.00
3	21	8	75	2.5	202.1	11.82	58.49	6.26	3.3	172.0	11.57	3.1	176.1	-0.15	0.00	999.00
4	21	8	75	1.4	214.0	11.56	65.96	10.78	2.8	168.1	11.37	3.7	165.2	0.04	0.00	999.00
5	21	8	75	4.1	202.1	11.91	66.70	5.56	5.0	186.4	11.63	5.2	183.3	0.22	0.00	999.00
6	21	8	75	2.8	187.7	11.77	67.71	8.97	4.3	185.8	11.61	4.8	179.1	-0.03	0.00	999.00
7	21	8	75	1.4	214.2	12.19	64.86	17.52	2.5	197.6	11.78	4.0	188.6	0.34	0.00	999.00
8	21	8	75	2.7	168.6	13.22	45.73	10.52	2.7	160.2	12.81	2.8	167.4	0.59	0.00	999.00
9	21	8	75	7.2	174.8	15.58	27.33	8.95	8.4	169.8	14.63	8.2	181.5	0.90	0.00	999.00
10	21	8	75	9.9	177.9	17.54	23.78	13.76	12.5	176.9	16.17	13.2	190.4	1.37	0.00	999.00
11	21	8	75	10.3	236.5	18.54	20.22	14.41	11.8	230.4	17.21	12.5	236.4	1.36	0.00	999.00
12	21	8	75	11.2	263.5	19.03	18.29	12.20	12.6	255.0	17.63	13.9	258.5	1.28	0.00	999.00
13	21	8	75	9.8	199.4	18.78	18.85	14.56	11.9	195.9	17.94	13.2	219.0	0.89	0.00	999.00
14	21	8	75	9.6	218.9	17.15	22.03	14.73	11.8	202.9	16.53	15.5	217.2	0.77	0.00	999.00
15	21	8	75	7.3	221.6	16.31	24.70	15.70	8.4	208.7	15.66	10.4	218.6	0.63	0.00	999.00
16	21	8	75	8.3	181.5	16.96	22.15	13.89	10.5	177.1	16.34	11.0	186.6	0.90	0.00	999.00
17	21	8	75	8.5	189.7	17.61	20.36	12.51	10.8	189.3	16.81	11.6	200.5	0.97	0.00	999.00
18	21	8	75	7.6	215.8	17.39	18.58	16.23	10.2	209.4	16.89	13.5	219.8	0.65	0.00	999.00
19	21	8	75	3.2	251.1	15.77	23.31	22.96	4.6	228.5	15.31	8.8	227.9	0.20	0.00	999.00
20	21	8	75	3.5	268.3	14.38	34.66	21.63	4.5	251.1	14.04	5.9	262.5	-0.05	0.00	999.00
21	21	8	75	11.1	280.0	13.11	38.48	8.05	14.8	273.5	13.04	18.1	284.0	-0.17	0.00	999.00
22	21	8	75	13.4	290.0	12.44	39.75	6.74	18.1	282.4	12.44	22.6	290.9	-0.28	0.00	999.00
23	21	8	75	4.1	234.6	11.85	42.55	19.24	6.2	252.5	11.73	9.5	267.7	-0.42	0.00	999.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
++	++	++	++													
0	22	8	75	1.9	252.4	11.40	51.32	17.73	2.8	170.2	11.44	3.0	170.5	-0.92	0.00	999.00
1	22	8	75	3.8	212.0	12.58	52.45	6.55	2.3	193.1	11.79	2.4	215.9	-0.58	0.00	999.00
2	22	8	75	4.0	200.4	12.54	44.42	6.14	4.1	194.1	12.89	4.7	179.3	-0.65	0.00	999.00
3	22	8	75	3.7	214.4	12.81	49.69	6.75	4.2	189.0	12.53	4.9	170.6	-0.02	0.00	999.00
4	22	8	75	4.2	231.5	13.33	61.89	6.70	4.4	232.7	12.82	4.7	242.5	0.27	0.00	999.00
5	22	8	75	4.4	241.2	12.63	69.19	4.67	5.0	235.7	12.24	6.0	232.7	0.27	0.00	999.00
6	22	8	75	4.6	271.8	11.07	72.46	13.07	6.3	263.2	11.22	6.8	242.1	-0.47	0.00	999.00
7	22	8	75	5.6	239.2	12.51	53.15	7.97	7.0	225.9	12.21	9.4	230.1	-0.03	0.00	999.00
8	22	8	75	7.6	193.5	15.61	33.16	14.66	10.3	186.7	14.83	11.3	204.3	0.88	0.00	999.00
9	22	8	75	9.1	193.7	17.20	25.92	18.88	10.5	187.6	16.28	10.7	210.7	0.90	0.00	999.00
10	22	8	75	11.6	254.0	17.30	25.08	12.17	13.0	241.9	16.55	14.8	239.5	0.76	0.00	999.00
11	22	8	75	10.3	233.8	18.85	19.59	17.03	12.8	225.1	17.86	16.0	228.5	1.02	0.00	999.00
12	22	8	75	18.1	313.1	15.46	30.15	9.63	20.3	306.2	14.46	21.6	310.4	0.83	0.00	999.00
13	22	8	75	15.2	289.1	17.17	24.92	10.37	17.1	282.6	15.88	17.7	289.2	1.07	0.00	999.00
14	22	8	75	11.6	249.0	15.47	27.68	11.87	13.3	240.5	15.26	16.0	246.9	0.50	0.00	999.00
15	22	8	75	12.7	192.4	17.81	18.55	13.80	16.6	184.6	16.96	19.4	206.3	0.76	0.00	0.67
16	22	8	75	9.4	221.1	20.35	14.50	17.90	10.3	208.2	19.47	12.8	220.9	1.01	0.00	0.81
17	22	8	75	8.3	245.9	19.59	16.45	11.75	9.6	229.6	19.07	11.1	238.7	0.59	0.00	0.40
18	22	8	75	6.2	245.4	18.96	17.36	13.08	6.9	225.4	18.58	10.4	227.0	0.33	0.00	0.15
19	22	8	75	8.1	204.0	17.65	18.96	12.65	10.3	211.5	17.42	15.2	218.6	0.10	0.00	0.06
20	22	8	75	4.4	235.6	16.26	23.42	18.82	8.2	208.3	16.16	13.5	208.6	-0.71	0.00	0.01
21	22	8	75	5.8	262.7	15.92	25.23	12.38	7.1	231.2	15.72	12.3	220.8	-0.71	0.00	0.01
22	22	8	75	6.1	270.1	15.30	25.47	11.71	7.2	240.0	15.50	13.1	223.8	-1.01	0.00	0.01
23	22	8	75	8.2	269.7	15.46	25.80	3.18	10.1	261.9	15.69	12.4	260.0	-0.71	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
++	++	++	++													
0	23	8	75	8.0	264.6	15.95	24.85	1.65	8.6	262.2	16.08	9.3	270.6	-0.29	0.00	0.01
1	23	8	75	7.2	260.8	16.21	23.87	1.87	8.3	259.7	16.44	8.6	263.3	-0.45	0.00	0.01
2	23	8	75	8.2	261.9	15.63	24.47	2.24	8.5	257.8	16.13	9.0	262.8	-0.67	0.00	0.01
3	23	8	75	7.3	270.3	15.11	25.41	2.55	9.0	262.1	15.26	11.1	259.1	-0.58	0.00	0.01
4	23	8	75	2.6	299.5	14.04	28.00	7.67	2.0	300.5	12.97	3.1	220.2	-0.03	0.00	0.01
5	23	8	75	2.7	59.7	13.58	33.03	14.49	2.5	21.9	12.07	3.7	239.4	-0.06	0.00	0.01
6	23	8	75	5.0	271.5	13.75	28.42	11.30	6.1	263.8	13.82	6.1	247.5	-0.08	0.00	0.03
7	23	8	75	4.9	195.0	16.30	17.97	23.10	6.9	197.9	15.87	9.5	219.8	0.60	0.00	0.24
8	23	8	75	7.3	206.6	18.03	19.47	17.78	9.5	201.9	17.31	11.1	219.8	0.97	0.00	0.43
9	23	8	75	9.1	252.9	19.70	17.34	16.29	10.5	228.4	18.78	12.1	237.4	1.09	0.00	0.78
10	23	8	75	14.3	259.7	20.15	17.27	11.15	15.5	253.8	19.15	15.7	249.8	0.85	0.00	0.99
11	23	8	75	15.4	250.3	21.66	18.19	15.34	17.6	237.9	20.46	18.3	241.4	1.11	0.00	1.10
12	23	8	75	15.2	266.2	17.37	23.09	8.87	17.2	259.3	17.34	18.7	265.5	0.05	0.00	0.68
13	23	8	75	12.3	280.3	17.22	25.88	9.05	15.6	269.2	17.10	18.1	270.4	-0.35	0.00	0.65
14	23	8	75	12.8	255.8	21.72	16.52	12.97	14.1	247.1	20.52	16.3	255.0	1.19	0.00	1.21
15	23	8	75	12.5	215.1	23.40	15.21	16.93	17.0	203.3	22.08	22.5	216.9	1.28	0.00	1.06
16	23	8	75	14.6	198.2	22.61	15.83	14.26	18.2	195.9	21.79	20.5	214.7	0.76	0.00	0.63
17	23	8	75	10.5	216.3	22.09	16.21	16.45	13.5	210.1	21.54	17.1	223.0	0.60	0.00	0.34
18	23	8	75	14.6	208.1	21.69	16.02	13.60	19.2	199.7	21.29	23.0	214.9	0.53	0.00	0.27
19	23	8	75	9.1	204.5	20.47	17.23	12.91	12.6	204.7	20.30	16.6	216.7	-0.07	0.00	0.09
20	23	8	75	5.5	216.6	19.07	18.57	16.32	8.7	209.5	18.97	14.2	215.0	-0.39	0.00	0.02
21	23	8	75	8.6	209.0	18.92	18.76	13.11	12.2	204.6	18.83	16.8	212.2	-0.23	0.00	0.01
22	23	8	75	7.0	225.1	18.48	18.91	18.87	10.1	210.0	18.25	16.0	219.0	-0.33	0.00	0.01
23	23	8	75	5.1	222.4	18.00	19.14	20.39	7.5	215.7	17.72	13.1	228.1	-0.11	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
0	24	8	75	7.2	261.2	17.04	19.29	13.93	8.2	244.7	16.96	10.8	232.6	-0.28	0.00	0.01
1	24	8	75	4.7	247.5	15.59	20.36	15.82	6.0	216.3	15.36	12.5	219.8	-0.55	0.00	0.01
2	24	8	75	5.3	268.9	14.60	20.65	12.70	6.6	239.9	14.78	10.2	217.9	-0.84	0.00	0.01
3	24	8	75	6.6	255.8	15.37	20.07	11.83	7.5	232.5	15.21	12.7	224.7	-0.32	0.00	0.01
4	24	8	75	8.8	264.6	14.47	20.20	6.96	8.5	237.9	14.29	12.7	234.7	-0.24	0.00	0.01
5	24	8	75	7.4	246.0	15.67	19.72	6.40	9.7	241.7	15.73	12.2	252.6	-0.37	0.00	0.01
6	24	8	75	6.9	261.5	14.13	20.02	12.27	8.1	231.7	14.01	12.3	232.7	-0.09	0.00	0.03
7	24	8	75	5.4	213.0	15.84	17.78	18.57	7.3	207.5	15.37	9.7	221.7	0.54	0.00	0.24
8	24	8	75	7.1	246.0	18.34	17.97	15.83	8.4	231.8	17.56	9.6	231.5	0.94	0.00	0.53
9	24	8	75	17.1	263.8	13.63	17.83	9.19	19.5	255.7	17.43	21.9	262.4	1.08	0.00	0.82
10	24	8	75	17.0	286.2	18.86	17.87	10.52	18.9	278.3	17.50	20.0	285.4	1.15	0.00	1.07
11	24	8	75	17.4	284.8	19.28	17.67	9.55	19.5	272.5	17.80	21.2	280.7	1.16	0.00	1.26
12	24	8	75	19.5	270.7	20.10	17.26	10.64	22.3	266.4	18.47	23.5	272.9	1.29	0.00	1.35
13	24	8	75	21.5	284.9	20.37	17.27	9.24	23.6	278.2	18.57	25.3	284.3	1.44	0.00	1.37
14	24	8	75	19.4	277.0	20.89	16.85	10.33	21.9	269.6	19.26	24.3	279.3	1.36	0.00	1.30
15	24	8	75	21.5	296.2	20.59	17.15	8.98	24.3	287.9	19.04	26.7	293.9	1.18	0.00	1.14
16	24	8	75	19.6	289.5	20.55	16.82	9.85	23.3	281.3	19.26	24.9	285.5	1.20	0.00	0.94
17	24	8	75	15.2	285.7	19.91	16.67	9.55	18.2	278.9	19.09	19.0	284.6	0.67	0.00	0.67
18	24	8	75	18.1	296.1	18.41	17.46	8.16	21.2	286.1	18.04	23.6	292.4	0.53	0.00	0.38
19	24	8	75	15.5	289.9	16.56	18.79	7.00	19.6	285.3	16.52	22.9	291.8	-0.05	0.00	0.11
20	24	8	75	12.5	297.8	14.81	19.69	7.38	16.3	291.6	14.90	19.4	299.6	-0.23	0.00	0.02
21	24	8	75	8.0	309.1	13.27	20.35	6.82	11.1	300.5	13.43	14.0	309.0	-0.54	0.00	0.01
22	24	8	75	2.0	48.1	11.90	21.80	14.78	2.8	9.2	11.32	3.2	352.6	-0.31	0.00	0.00
23	24	8	75	5.9	320.4	11.12	21.29	13.50	7.3	333.2	11.41	8.7	355.4	-1.00	0.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
0	25	8	75	5.3	301.1	9.00	22.31	15.69	6.1	327.7	8.99	10.2	5.4	-0.30	0.00	0.00
1	25	8	75	5.4	299.4	8.76	22.87	9.80	5.4	315.9	8.56	6.0	353.5	-0.18	0.00	0.00
2	25	8	75	6.3	299.4	8.34	23.07	5.65	6.0	313.9	8.31	6.1	342.5	-0.32	0.00	0.00
3	25	8	75	2.8	230.8	8.80	23.55	6.32	2.3	251.8	7.74	1.4	255.7	-0.18	0.00	0.00
4	25	8	75	5.6	229.1	8.84	23.36	6.06	5.6	201.4	8.76	5.6	185.2	-0.15	0.00	0.00
5	25	8	75	5.9	241.9	9.52	22.81	3.70	5.1	223.4	9.33	4.1	204.6	-0.17	0.00	0.00
6	25	8	75	4.4	253.6	9.98	22.29	2.90	3.3	242.4	9.51	2.2	236.9	0.07	0.00	0.03
7	25	8	75	1.8	172.9	11.02	17.85	18.89	2.2	204.6	11.26	2.9	218.6	0.40	0.00	0.24
8	25	8	75	6.9	240.3	13.56	19.96	15.75	7.7	231.9	12.80	9.0	241.3	1.00	0.00	0.54
9	25	8	75	11.5	261.6	14.24	19.88	8.94	12.5	247.8	13.26	13.8	251.9	0.99	0.00	0.83
10	25	8	75	10.1	284.0	15.99	19.36	12.16	11.0	274.8	14.72	11.6	273.7	1.12	0.00	1.06
11	25	8	75	8.8	241.9	17.83	18.30	19.30	10.0	234.9	16.61	11.5	240.2	1.39	0.00	1.27
12	25	8	75	12.8	273.5	18.26	18.03	13.12	14.5	263.8	16.88	15.1	270.1	1.26	0.00	1.36
13	25	8	75	10.1	289.7	18.95	17.30	15.33	11.4	276.3	17.64	11.5	285.5	1.25	0.00	1.38
14	25	8	75	11.1	262.2	19.65	17.25	12.37	12.7	253.4	18.39	14.0	263.3	1.23	0.00	1.31
15	25	8	75	9.6	287.8	20.75	16.63	17.96	10.6	283.5	19.49	11.2	288.9	1.24	0.00	1.16
16	25	8	75	12.9	280.2	21.17	16.68	11.43	13.4	273.6	20.09	14.8	277.7	1.12	0.00	0.94
17	25	8	75	8.3	288.1	21.37	16.33	12.77	9.1	280.9	20.53	9.6	286.2	1.05	0.00	0.67
18	25	8	75	8.6	299.4	20.62	16.81	8.22	10.0	289.1	20.26	11.0	296.9	0.59	0.00	0.38
19	25	8	75	8.0	292.1	17.64	18.81	4.36	10.1	306.0	18.39	11.8	317.6	-1.09	0.00	0.10
20	25	8	75	11.6	286.5	16.60	19.75	4.41	14.3	293.1	17.82	15.1	304.2	-2.15	0.00	0.02
21	25	8	75	6.4	282.5	16.58	19.84	6.36	8.7	270.3	16.99	11.1	292.6	-1.07	0.00	0.01
22	25	8	75	9.2	280.9	17.07	19.19	5.86	11.7	281.2	17.46	13.4	275.2	-0.62	0.00	0.00
23	25	8	75	8.7	255.0	16.81	19.07	1.59	8.9	249.5	16.83	9.4	261.8	-0.13	0.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
++	++	++	++													
0	26	8	75	7.8	259.6	16.38	19.34	3.56	8.7	265.8	16.74	9.2	279.7	-0.51	0.00	0.00
1	26	8	75	6.2	245.1	16.75	19.88	1.77	5.8	235.5	16.45	5.7	245.7	0.15	0.00	0.00
2	26	8	75	5.5	244.7	17.10	20.83	1.49	4.8	238.3	16.67	4.2	247.6	0.17	0.00	0.00
3	26	8	75	2.2	316.8	13.93	22.05	16.91	2.4	307.6	13.39	2.5	290.9	-1.63	0.00	0.00
4	26	8	75	4.1	190.0	13.21	23.27	7.63	3.6	170.2	13.37	3.0	141.2	-1.51	0.00	0.00
5	26	8	75	5.1	287.1	13.85	22.18	3.60	4.0	291.3	13.69	2.6	279.9	-0.43	0.00	0.00
6	26	8	75	2.5	267.0	14.49	21.84	13.73	2.6	304.4	14.31	1.6	307.2	-0.61	0.00	0.03
7	26	8	75	1.1	11.0	14.94	17.42	16.70	0.8	341.8	15.77	1.3	135.5	-0.24	0.00	0.23
8	26	8	75	2.2	58.1	17.26	17.91	22.94	2.6	50.8	17.48	2.8	86.2	0.70	0.00	0.51
9	26	8	75	6.4	101.9	19.15	17.11	10.52	7.0	98.2	18.42	6.5	116.4	0.71	0.00	0.80
10	26	8	75	6.7	268.5	21.94	16.29	20.99	7.6	257.1	20.96	8.0	250.5	1.09	0.00	1.05
11	26	8	75	10.2	279.7	22.74	15.92	13.75	11.6	270.7	21.59	12.2	272.9	1.00	0.00	1.23
12	26	8	75	7.8	171.3	23.39	15.08	16.44	9.1	165.6	22.35	9.2	181.5	0.90	0.00	1.25
13	26	8	75	10.4	186.2	24.20	14.51	14.56	11.8	176.5	22.81	12.6	197.2	1.22	0.00	1.36
14	26	8	75	8.4	197.1	24.46	14.16	18.83	9.6	186.9	23.20	10.8	198.5	1.16	0.00	1.30
15	26	8	75	12.1	174.6	24.61	999.00	13.12	15.1	165.5	999.00	15.0	173.4	0.89	0.00	999.00
16	26	8	75	9.9	198.9	25.11	13.57	15.58	12.5	190.0	23.70	13.7	195.6	1.17	0.00	0.98
17	26	8	75	8.9	214.6	24.57	13.87	13.02	11.2	202.2	23.81	12.2	211.4	0.85	0.00	0.67
18	26	8	75	8.3	202.7	23.54	14.35	11.96	11.2	194.9	23.24	13.7	208.9	0.27	0.00	0.36
19	26	8	75	6.0	253.8	21.23	16.69	14.40	7.8	223.9	21.12	13.4	215.8	-1.06	0.00	0.09
20	26	8	75	10.8	251.6	21.05	16.98	3.32	11.5	230.5	21.84	12.7	233.5	-1.45	0.00	0.02
21	26	8	75	11.7	253.3	20.98	16.91	1.96	11.7	232.6	22.13	12.0	237.7	-1.55	0.00	0.01
22	26	8	75	8.0	234.9	20.06	17.02	11.19	11.5	207.9	20.43	16.0	209.4	-1.65	0.00	0.01
23	26	8	75	7.0	246.7	18.62	17.83	11.08	9.4	219.4	19.22	12.6	201.2	-2.04	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
++	++	++	++													
0	27	8	75	2.7	330.7	17.10	18.71	22.07	3.4	40.7	16.41	4.5	87.9	-0.97	0.00	0.01
1	27	8	75	4.0	277.0	17.53	18.64	4.67	2.0	246.8	16.58	4.1	140.4	-1.36	0.00	0.01
2	27	8	75	1.2	310.2	18.26	19.51	6.90	2.0	132.7	17.63	4.9	158.6	-0.66	0.00	0.01
3	27	8	75	3.2	300.5	16.58	19.58	5.60	1.6	333.4	15.22	2.3	112.5	-0.79	0.00	0.01
4	27	8	75	5.5	295.3	16.36	19.52	3.67	4.9	307.3	16.36	3.4	305.3	-0.71	0.00	0.01
5	27	8	75	1.7	145.4	16.67	19.63	10.27	1.1	312.5	15.30	0.9	148.4	-0.30	0.00	0.01
6	27	8	75	3.9	166.2	18.14	18.94	9.42	3.7	149.6	17.78	4.1	153.6	-0.28	0.00	0.03
7	27	8	75	3.0	276.9	15.99	19.35	4.84	2.2	275.5	15.52	1.7	136.6	-0.09	0.00	0.10
8	27	8	75	3.7	44.5	17.44	18.38	10.91	3.4	39.9	17.16	3.2	67.6	0.60	0.00	0.39
9	27	8	75	6.3	128.2	21.60	16.34	12.09	6.9	120.3	20.95	7.1	134.9	0.81	0.00	0.74
10	27	8	75	13.3	206.3	21.83	17.00	13.57	16.5	199.5	20.76	18.7	214.0	1.02	0.00	0.74
11	27	8	75	14.5	206.9	21.47	16.78	13.96	17.9	192.7	20.54	21.5	211.4	0.89	0.00	0.66
12	27	8	75	13.1	258.0	20.25	17.58	8.92	15.0	248.1	19.54	16.3	257.0	0.74	0.00	0.44
13	27	8	75	11.3	271.6	18.65	18.63	10.13	13.5	267.5	18.06	15.0	272.2	0.65	0.00	0.28
14	27	8	75	18.0	182.8	19.24	18.33	10.81	23.0	173.3	18.38	22.8	165.0	0.67	0.00	0.37
15	27	8	75	14.2	175.1	19.85	17.66	12.57	16.3	165.7	18.59	17.0	166.9	1.09	0.00	0.99
16	27	8	75	17.3	168.9	19.62	18.00	10.16	20.1	157.8	18.35	20.6	161.5	1.24	0.00	0.86
17	27	8	75	11.9	181.8	18.83	18.76	10.49	15.0	170.6	18.30	15.2	180.3	0.57	0.00	0.32
18	27	8	75	15.7	277.3	16.36	19.27	10.57	18.2	270.8	15.82	20.6	277.1	0.57	0.00	0.16
19	27	8	75	7.3	264.6	13.94	24.98	5.35	8.7	259.8	13.77	9.5	269.0	0.10	0.00	0.07
20	27	8	75	5.6	204.1	12.73	27.24	7.63	7.5	200.3	13.02	10.8	202.2	-1.12	0.00	0.02
21	27	8	75	5.4	101.6	12.88	28.16	9.06	7.3	101.7	12.66	9.3	122.0	0.07	0.00	0.01
22	27	8	75	2.9	286.4	12.49	29.14	5.21	3.7	284.7	11.91	3.0	261.9	-0.13	0.00	0.01
23	27	8	75	2.3	251.8	12.80	30.47	7.64	2.1	214.0	11.74	2.8	175.3	0.06	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
0	28	8	75	7.8	264.9	13.62	27.89	4.15	6.4	266.5	13.74	5.9	278.6	-0.40	0.00	0.01
1	28	8	75	3.6	185.8	12.40	36.50	9.39	5.3	174.2	12.50	7.1	162.9	-0.62	0.00	0.01
2	28	8	75	3.7	269.4	11.66	37.59	9.60	3.6	307.3	11.45	3.8	157.9	-0.45	0.00	0.01
3	28	8	75	2.1	357.2	11.76	41.94	26.15	3.2	39.9	10.73	3.3	83.6	-0.45	0.00	0.01
4	28	8	75	2.7	324.2	10.48	44.30	17.79	3.1	14.8	9.80	4.9	41.1	-0.35	0.00	0.01
5	28	8	75	3.3	272.3	10.98	45.25	8.17	3.1	299.2	10.64	2.3	309.1	-0.19	0.00	0.01
6	28	8	75	3.5	253.9	11.62	44.26	16.23	3.8	218.8	11.42	5.6	165.1	-1.25	0.00	0.02
7	28	8	75	11.4	192.6	14.73	26.33	13.58	15.1	184.0	14.41	17.5	196.2	0.21	0.00	0.19
8	28	8	75	11.7	188.5	16.70	22.88	12.30	14.9	175.7	15.87	15.1	191.5	0.76	999.00	0.46
9	28	8	75	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	0.00	999.00
10	28	8	75	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	0.00	999.00
11	28	8	75	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	0.00	999.00
12	28	8	75	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	0.00	999.00
13	28	8	75	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	0.00	999.00
14	28	8	75	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	0.00	999.00
15	28	8	75	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	0.01	999.00
16	28	8	75	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	999.00	999.00
17	28	8	75	999.0	999.0	24.26	14.11	999.00	16.7	199.3	21.59	19.8	209.0	2.59	0.00	0.66
18	28	8	75	999.0	999.0	22.37	14.51	999.00	14.4	201.4	20.88	17.5	212.0	1.44	0.00	0.36
19	28	8	75	999.0	999.0	19.04	16.23	999.00	7.4	217.7	19.03	12.3	221.2	-0.37	0.00	0.09
20	28	8	75	999.0	999.0	16.41	17.08	999.00	8.4	220.9	17.75	14.4	214.7	-2.55	0.00	0.02
21	28	8	75	999.0	999.0	15.34	17.38	999.00	7.9	239.6	16.96	13.7	227.9	-2.58	0.00	0.01
22	28	8	75	999.0	999.0	15.49	17.19	999.00	8.6	236.4	17.06	14.9	228.2	-2.56	0.00	0.00
23	28	8	75	999.0	999.0	15.25	17.31	999.00	12.1	255.6	16.88	15.0	248.2	-2.34	0.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
++	++	++	++													
0	29	8	75	999.0	999.0	15.99	16.91	999.00	11.8	261.1	18.21	11.9	269.6	-2.41	0.00	0.00
1	29	8	75	999.0	999.0	16.21	16.84	999.00	10.0	264.5	18.23	10.1	268.6	-2.22	0.00	0.00
2	29	8	75	999.0	999.0	15.73	17.24	999.00	10.8	233.3	17.48	13.0	228.5	-2.78	0.00	0.00
3	29	8	75	999.0	999.0	12.57	18.71	999.00	2.8	5.8	13.62	2.3	69.6	-2.28	0.00	0.00
4	29	8	75	999.0	999.0	11.75	18.55	999.00	4.0	313.0	13.65	2.7	350.1	-2.66	0.00	0.00
5	29	8	75	999.0	999.0	11.30	18.72	999.00	1.7	308.9	12.63	2.7	56.4	-3.03	0.00	0.00
6	29	8	75	999.0	999.0	10.86	19.10	999.00	2.6	310.5	13.57	3.1	314.5	-3.51	0.00	0.02
7	29	8	75	999.0	999.0	14.50	16.91	999.00	1.9	316.4	14.76	1.5	334.5	-3.34	0.00	0.22
8	29	8	75	999.0	999.0	18.88	16.02	999.00	4.1	65.3	16.54	3.8	83.4	2.81	0.00	0.52
9	29	8	75	999.0	999.0	21.51	15.94	999.00	10.6	251.6	17.87	10.6	251.3	3.65	0.00	0.81
10	29	8	75	999.0	999.0	22.82	15.82	999.00	12.0	246.8	18.74	13.3	248.3	4.12	0.00	1.07
11	29	8	75	999.0	999.0	24.81	14.78	999.00	13.0	213.0	20.38	13.9	222.7	4.35	0.00	1.25
12	29	8	75	999.0	999.0	25.32	14.25	999.00	14.9	195.5	20.47	15.7	213.6	4.68	0.00	1.35
13	29	8	75	999.0	999.0	25.64	13.83	999.00	12.7	180.2	20.75	13.1	193.8	4.70	0.00	1.37
14	29	8	75	999.0	999.0	26.55	13.45	999.00	11.2	208.5	21.79	12.2	216.2	4.74	0.00	1.30
15	29	8	75	999.0	999.0	26.59	13.70	999.00	9.0	237.2	21.93	9.4	243.8	4.62	0.00	1.14
16	29	8	75	999.0	999.0	26.29	13.90	999.00	11.7	267.0	22.26	12.8	268.8	4.12	0.00	0.92
17	29	8	75	999.0	999.0	25.17	999.00	999.00	9.8	194.9	22.15	10.1	208.8	3.15	0.00	0.65
18	29	8	75	4.1	229.8	23.09	999.00	14.10	5.5	216.5	21.79	7.1	225.1	1.45	0.00	0.35
19	29	8	75	9.3	262.1	19.28	16.19	6.30	10.4	235.2	19.65	14.3	228.6	-1.30	0.00	0.09
20	29	8	75	9.5	263.6	17.17	16.62	3.38	10.5	245.1	19.10	11.9	231.1	-2.74	0.00	0.02
21	29	8	75	10.7	250.8	17.65	16.29	2.91	10.6	235.0	19.35	11.4	223.7	-2.42	0.00	0.01
22	29	8	75	11.2	256.2	18.33	16.02	1.59	11.1	246.7	20.21	10.5	247.6	-2.19	0.00	0.01
23	29	8	75	12.7	252.2	17.73	16.30	1.84	12.9	237.3	19.81	12.7	245.3	-2.62	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
0	30	8	75	11.9	254.0	17.11	16.59	3.60	14.4	248.4	18.98	16.0	255.3	-2.76	0.00	0.00
1	30	8	75	2.1	301.7	14.18	18.28	28.32	2.9	351.4	15.07	3.4	359.6	-2.58	0.00	0.00
2	30	8	75	3.0	182.8	13.22	18.30	13.98	3.3	142.9	15.29	3.6	127.8	-2.90	0.00	0.00
3	30	8	75	4.9	295.0	12.62	18.19	6.77	4.1	306.4	14.70	2.7	4.0	-3.25	0.00	0.01
4	30	8	75	1.8	279.0	12.87	18.19	14.86	1.7	3.8	13.81	2.9	45.5	-2.72	0.00	0.00
5	30	8	75	0.7	111.3	11.38	19.25	4.33	1.1	359.7	12.80	1.6	41.1	-3.81	0.00	0.01
6	30	8	75	2.2	206.5	11.13	18.81	5.54	1.9	226.0	14.50	1.0	270.3	-4.69	0.00	0.02
7	30	8	75	2.3	196.6	16.25	16.69	14.17	2.0	215.3	16.68	1.7	178.7	-0.10	0.00	0.22
8	30	8	75	3.8	78.1	20.22	15.92	10.88	3.6	62.7	17.52	3.2	100.4	3.23	0.00	0.50
9	30	8	75	4.6	82.6	22.29	15.51	13.30	4.8	68.3	18.19	5.4	99.9	4.34	0.00	0.80
10	30	8	75	6.8	55.9	24.18	14.83	11.70	6.6	50.2	20.17	7.1	66.5	3.96	0.00	1.05
11	30	8	75	8.9	174.7	25.74	14.04	14.77	9.2	170.8	21.36	9.4	191.0	4.21	0.00	1.23
12	30	8	75	10.5	201.7	27.32	13.29	21.45	0.6	205.5	-26.60	14.1	204.5	4.53	0.00	1.32
13	30	8	75	12.6	198.0	29.33	12.99	16.41	0.6	201.1	-27.10	11.4	231.6	0.60	0.00	1.37
14	30	8	75	10.6	215.9	28.90	12.70	15.89	10.7	215.1	-27.10	13.7	224.0	0.82	0.00	1.29
15	30	8	75	11.5	195.2	30.07	13.20	17.00	14.5	188.7	-27.10	16.3	195.8	0.45	0.00	1.16
16	30	8	75	11.8	208.2	3.75	13.09	15.95	14.2	206.7	23.62	16.1	218.2	0.34	0.00	0.93
17	30	8	75	11.8	197.7	1.40	13.39	13.36	14.4	198.7	23.97	16.1	207.0	-0.15	0.00	0.75
18	30	8	75	11.6	200.5	24.31	13.85	11.22	13.2	203.2	5.16	16.1	213.9	-0.91	0.00	0.41
19	30	8	75	4.7	248.7	18.45	15.99	17.25	5.8	225.9	-26.70	11.7	223.9	-2.30	0.00	0.10
20	30	8	75	7.8	252.5	13.44	16.53	8.31	8.6	228.2	19.53	11.1	216.2	-2.62	0.00	0.02
21	30	8	75	7.6	250.9	19.58	16.29	6.43	7.9	225.2	19.74	9.6	215.3	-1.37	0.00	0.01
22	30	8	75	7.4	242.1	18.84	16.57	7.88	9.5	215.4	19.65	11.5	212.6	-1.73	0.00	0.01
23	30	8	75	8.5	253.2	19.12	16.48	6.74	10.0	228.7	19.52	11.6	225.4	-1.25	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	31	8	75	9.5	261.8	19.08	16.47	8.99	8.6	243.0	18.74	15.0	223.0	-1.05	0.00	0.00
1	31	8	75	6.7	249.2	17.97	16.87	15.68	7.6	226.4	17.66	16.8	221.0	-1.01	0.00	0.00
2	31	8	75	5.1	254.4	17.70	17.12	18.68	5.4	222.3	17.40	14.9	219.1	-0.83	0.00	0.00
3	31	8	75	5.6	226.1	17.78	17.35	20.54	8.4	212.4	17.64	14.9	217.5	-0.65	0.00	0.00
4	31	8	75	9.9	200.1	17.82	17.02	11.05	13.9	207.0	17.74	17.7	215.8	-0.34	0.00	0.01
5	31	8	75	7.9	201.1	17.51	17.23	10.50	10.4	210.0	17.44	16.4	218.5	-0.57	0.00	0.01
6	31	8	75	7.5	204.4	16.80	17.33	10.65	9.6	215.9	16.68	14.2	218.8	-0.64	0.00	0.02
7	31	8	75	8.6	186.4	18.71	16.10	12.70	9.9	195.2	18.26	13.4	213.4	0.20	0.00	0.22
8	31	8	75	11.7	194.3	20.47	15.31	13.93	13.5	193.6	19.55	13.4	217.0	0.68	0.00	0.52
9	31	8	75	10.6	200.8	22.30	14.65	17.63	12.9	199.0	20.98	14.1	223.2	1.14	0.00	0.81
10	31	8	75	12.9	233.9	23.55	14.19	17.37	14.5	224.1	22.17	16.7	233.6	1.14	0.00	1.06
11	31	8	75	16.0	200.4	24.07	13.86	16.05	19.0	198.9	22.36	22.4	216.1	1.34	0.00	1.25
12	31	8	75	19.0	192.2	24.28	13.76	13.98	24.6	196.1	22.32	27.2	207.4	1.19	0.00	1.34
13	31	8	75	19.7	195.6	24.62	13.44	14.96	23.5	200.5	22.78	27.1	210.4	1.05	0.00	1.36
14	31	8	75	13.3	221.0	25.46	12.78	18.58	16.2	223.0	23.86	20.9	228.4	1.48	0.00	1.27
15	31	8	75	11.7	213.0	25.55	12.71	17.39	13.8	211.5	24.17	17.8	220.7	1.18	0.00	1.14
16	31	8	75	10.1	198.8	25.16	12.95	13.83	17.9	197.7	23.91	21.2	210.0	0.90	0.00	0.91
17	31	8	75	5.0	200.7	24.70	12.88	13.96	15.2	199.1	23.83	18.8	210.0	0.64	0.00	0.64
18	31	8	75	6.4	198.2	23.69	13.51	10.38	13.5	198.8	23.32	16.0	210.3	0.14	0.00	0.34
19	31	8	75	5.0	263.9	21.21	15.56	15.37	5.9	235.7	21.02	12.4	228.1	-0.33	0.00	0.08
20	31	8	75	6.4	254.8	20.37	16.07	13.36	8.4	231.9	20.13	15.1	223.6	-1.03	0.00	0.02
21	31	8	75	9.1	264.0	19.61	16.24	10.06	9.0	237.8	19.47	15.6	226.0	-1.56	0.00	0.01
22	31	8	75	6.7	246.0	19.11	16.52	15.23	9.8	222.7	19.46	12.7	210.4	-1.87	0.00	0.01
23	31	8	75	8.0	253.7	18.84	16.55	14.08	8.8	227.7	18.87	14.7	226.0	-1.03	0.00	0.01

B.1.2

METEOROLOGICAL DATA FOR SITE 2
1 JUNE 1975 THROUGH 31 AUGUST 1975

WS10	Wind Speed at the 10-m level (mph)
WDR10	Wind Direction at the 10-m level (degrees)
AT10	Air Temperature at the 10-m level (degrees Celsius)
PREC	Precipitation at ground level (inches of H_2O)

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	1	6	75	3.4	284.9	8.74	0.00
1	1	6	75	2.2	207.9	8.70	0.00
2	1	6	75	11.0	255.5	8.57	0.00
3	1	6	75	5.4	276.1	8.21	0.00
4	1	6	75	5.5	267.0	8.15	0.00
5	1	6	75	6.8	15.0	5.55	0.00
6	1	6	75	3.5	308.0	5.83	0.00
7	1	6	75	4.4	356.6	7.72	0.00
8	1	6	75	4.7	41.6	8.61	0.00
9	1	6	75	4.2	62.1	10.93	0.00
10	1	6	75	5.1	102.7	12.50	0.00
11	1	6	75	5.1	25.2	14.61	0.00
12	1	6	75	3.7	316.4	14.62	0.00
13	1	6	75	8.0	326.0	15.27	0.00
14	1	6	75	6.7	37.9	15.90	0.00
15	1	6	75	5.9	10.7	16.96	0.00
16	1	6	75	4.2	16.4	17.40	0.00
17	1	6	75	6.7	271.6	17.47	0.00
18	1	6	75	5.2	276.2	17.30	0.00
19	1	6	75	2.7	203.2	16.32	.00
20	1	6	75	4.7	257.4	14.67	0.00
21	1	6	75	3.5	262.3	13.27	0.00
22	1	6	75	3.9	219.6	13.27	0.00
23	1	6	75	4.4	246.3	13.22	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	2	6	75	6.9	255.8	11.87	0.00
1	2	6	75	4.8	259.7	11.59	0.00
2	2	6	75	3.2	85.7	11.03	0.00
3	2	6	75	1.8	356.6	11.03	0.00
4	2	6	75	7.3	249.1	11.71	0.00
5	2	6	75	10.9	250.3	11.91	0.00
6	2	6	75	6.1	265.5	12.17	0.00
7	2	6	75	8.1	231.7	15.56	0.00
8	2	6	75	6.1	232.8	16.85	0.00
9	2	6	75	8.3	239.6	17.37	0.00
10	2	6	75	9.6	246.2	18.47	0.00
11	2	6	75	12.0	289.6	18.03	0.00
12	2	6	75	6.3	267.4	19.43	0.00
13	2	6	75	13.1	222.0	19.68	0.00
14	2	6	75	5.9	151.8	19.46	0.00
15	2	6	75	13.5	257.0	20.62	0.00
16	2	6	75	14.7	284.5	18.27	0.00
17	2	6	75	7.1	298.9	19.20	0.00
18	2	6	75	5.4	357.4	17.70	0.00
19	2	6	75	6.8	31.2	13.91	0.00
20	2	6	75	5.1	268.6	13.44	0.00
21	2	6	75	8.4	167.1	12.99	0.00
22	2	6	75	1.8	256.7	12.62	0.00
23	2	6	75	4.3	319.1	11.84	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	3	6	75	4.3	350.4	11.56	0.00
1	3	6	75	4.6	294.4	10.41	0.00
2	3	6	75	3.2	282.2	9.75	0.00
3	3	6	75	2.6	177.8	10.94	0.00
4	3	6	75	2.8	353.9	10.27	0.00
5	3	6	75	1.2	290.5	9.43	0.00
6	3	6	75	2.1	195.4	11.02	0.00
7	3	6	75	10.1	207.6	15.27	0.00
8	3	6	75	14.7	218.6	16.49	0.00
9	3	6	75	18.6	223.3	17.27	0.00
10	3	6	75	17.7	212.2	17.60	0.00
11	3	6	75	21.1	216.5	18.29	0.00
12	3	6	75	26.2	217.1	18.88	0.00
13	3	6	75	22.5	212.0	19.56	0.00
14	3	6	75	19.6	214.8	19.21	0.00
15	3	6	75	22.3	218.7	19.34	0.00
16	3	6	75	23.4	249.1	18.12	0.00
17	3	6	75	21.3	299.2	15.10	0.00
18	3	6	75	11.8	24.2	12.94	0.00
19	3	6	75	8.5	42.3	9.90	0.00
20	3	6	75	7.2	20.9	8.54	0.00
21	3	6	75	4.2	326.6	6.19	0.01
22	3	6	75	6.5	324.2	6.29	0.00
23	3	6	75	4.1	158.7	5.99	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	4	6	75	4.1	251.6	6.17	0.00
1	4	6	75	2.5	140.9	5.76	0.00
2	4	6	75	5.0	0.9	5.75	0.00
3	4	6	75	5.7	239.8	5.26	0.00
4	4	6	75	5.3	261.9	5.23	0.00
5	4	6	75	4.1	299.0	5.77	0.00
6	4	6	75	5.6	305.2	6.22	0.00
7	4	6	75	6.0	329.8	7.31	0.00
8	4	6	75	7.7	1.2	8.75	0.00
9	4	6	75	7.0	62.9	9.75	0.00
10	4	6	75	2.5	126.3	9.72	0.00
11	4	6	75	4.9	351.8	11.52	0.00
12	4	6	75	7.6	231.2	12.64	0.00
13	4	6	75	7.7	251.7	13.66	0.00
14	4	6	75	12.4	283.2	13.93	0.00
15	4	6	75	12.3	281.8	14.75	0.00
16	4	6	75	13.5	291.9	15.15	0.00
17	4	6	75	13.4	295.9	14.49	0.00
18	4	6	75	8.6	291.3	15.10	0.00
19	4	6	75	5.8	325.5	14.72	0.00
20	4	6	75	3.9	269.4	12.32	0.00
21	4	6	75	3.4	262.8	11.00	0.00
22	4	6	75	4.3	271.6	11.37	0.00
23	4	6	75	4.4	257.3	11.36	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	5	6	75	6.5	12.8	9.73	0.00
1	5	6	75	2.8	275.5	8.78	0.00
2	5	6	75	3.0	231.6	9.11	0.00
3	5	6	75	3.0	190.5	9.25	0.00
4	5	6	75	2.6	271.7	8.01	0.00
5	5	6	75	1.9	236.0	8.66	0.00
6	5	6	75	2.0	237.7	9.94	0.00
7	5	6	75	4.2	112.1	11.49	0.00
8	5	6	75	4.5	116.0	12.32	0.00
9	5	6	75	4.1	70.4	13.51	0.00
10	5	6	75	5.1	48.2	14.73	0.00
11	5	6	75	5.4	42.4	16.64	0.00
12	5	6	75	8.2	285.3	18.23	0.00
13	5	6	75	8.6	255.1	18.83	0.00
14	5	6	75	9.7	303.5	19.54	0.00
15	5	6	75	7.5	59.8	19.39	0.00
16	5	6	75	5.9	294.0	21.11	0.00
17	5	6	75	6.7	304.9	21.28	0.00
18	5	6	75	6.1	52.3	20.27	0.00
19	5	6	75	5.7	225.0	19.47	0.00
20	5	6	75	4.0	321.3	16.30	0.00
21	5	6	75	4.3	192.9	16.44	0.00
22	5	6	75	5.3	202.8	16.81	0.00
23	5	6	75	4.6	274.1	15.43	0.00

RIO BLANCO OIL SHALE PROJECT SITE T&D

METEOROLOGICAL DATA

HR	DY	MO	YR	WSPD	WDIR	ATMP	PREC
++	++	++	++				
0	6	6	75	6.8	251.3	14.45	0.00
1	6	6	75	10.7	255.5	14.53	0.00
2	6	6	75	10.7	257.2	14.03	0.00
3	6	6	75	6.4	268.4	13.10	0.00
4	6	6	75	4.7	289.3	13.43	0.00
5	6	6	75	3.9	296.2	12.51	0.00
6	6	6	75	4.3	214.3	13.60	0.00
7	6	6	75	2.0	172.8	15.35	0.00
8	6	6	75	4.5	143.9	16.42	0.00
9	6	6	75	4.5	111.2	17.86	0.00
10	6	6	75	999.0	999.0	19.91	0.00
11	6	6	75	999.0	999.0	20.42	0.00
12	6	6	75	999.0	999.0	20.78	0.00
13	6	6	75	999.0	999.0	21.64	0.00
14	6	6	75	999.0	999.0	21.63	0.00
15	6	6	75	999.0	999.0	22.34	0.00
16	6	6	75	999.0	999.0	22.58	0.00
17	6	6	75	999.0	999.0	22.53	0.00
18	6	6	75	999.0	999.0	22.47	0.00
19	6	6	75	999.0	999.0	22.51	0.00
20	6	6	75	4.7	234.8	19.03	0.00
21	6	6	75	5.1	256.5	18.31	0.00
22	6	6	75	5.6	295.1	18.96	0.00
23	6	6	75	7.3	194.6	18.82	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	7	6	75	3.3	295.1	16.80	0.00
1	7	6	75	18.6	261.6	17.22	0.00
2	7	6	75	14.3	329.1	16.75	0.00
3	7	6	75	9.1	250.1	16.68	0.00
4	7	6	75	8.3	246.5	16.97	0.00
5	7	6	75	6.0	290.8	14.60	0.00
6	7	6	75	4.1	230.8	14.88	0.00
7	7	6	75	9.6	268.3	15.23	0.00
8	7	6	75	12.3	281.2	16.07	0.00
9	7	6	75	11.0	290.0	15.71	0.00
10	7	6	75	10.8	276.4	16.20	0.00
11	7	6	75	9.7	330.1	16.95	0.00
12	7	6	75	8.6	304.2	14.16	0.00
13	7	6	75	4.8	106.7	14.84	0.00
14	7	6	75	20.4	285.1	16.06	0.00
15	7	6	75	10.8	288.7	15.41	0.00
16	7	6	75	10.5	286.5	16.46	0.00
17	7	6	75	11.1	155.6	12.95	0.00
18	7	6	75	6.1	41.5	8.62	0.00
19	7	6	75	7.4	0.4	7.32	0.00
20	7	6	75	4.3	133.2	7.26	0.00
21	7	6	75	1.1	123.6	7.50	0.00
22	7	6	75	4.7	191.6	7.46	0.00
23	7	6	75	5.8	265.8	8.16	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
++	++	++	++				
0	8	6	75	11.7	288.3	7.94	0.00
1	8	6	75	8.5	291.7	7.79	0.00
2	8	6	75	4.5	279.6	7.85	0.00
3	8	6	75	3.1	291.5	7.46	0.00
4	8	6	75	5.5	253.8	7.47	0.01
5	8	6	75	12.8	264.3	7.34	0.00
6	8	6	75	6.9	325.6	7.60	0.00
7	8	6	75	6.0	14.8	8.37	0.00
8	8	6	75	3.7	227.9	9.79	0.00
9	8	6	75	4.1	147.1	11.62	0.00
10	8	6	75	6.5	279.3	12.40	0.00
11	8	6	75	10.2	288.2	11.27	0.00
12	8	6	75	7.9	239.9	10.94	0.00
13	8	6	75	10.7	250.2	11.69	0.00
14	8	6	75	9.7	281.5	10.57	0.00
15	8	6	75	14.6	306.1	11.16	0.01
16	8	6	75	10.8	253.2	11.37	0.00
17	8	6	75	10.2	258.7	11.62	0.00
18	8	6	75	8.6	38.5	11.07	0.00
19	8	6	75	11.9	23.2	7.71	0.00
20	8	6	75	999.0	999.0	999.00	0.00
21	8	6	75	999.0	999.0	999.00	0.00
22	8	6	75	999.0	999.0	999.00	0.00
23	8	6	75	7.1	64.7	8.83	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	9	6	75	5.7	320.4	5.77	0.00
1	9	6	75	5.2	330.0	4.60	0.00
2	9	6	75	4.9	328.1	3.68	0.00
3	9	6	75	3.6	280.6	3.47	0.00
4	9	6	75	3.3	281.7	3.20	0.00
5	9	6	75	2.9	276.0	3.15	0.00
6	9	6	75	4.9	359.5	2.20	0.00
7	9	6	75	2.7	345.6	3.79	0.00
8	9	6	75	6.4	45.4	4.94	0.00
9	9	6	75	7.1	61.2	5.83	0.00
10	9	6	75	7.6	73.2	6.90	0.00
11	9	6	75	7.2	54.0	9.37	0.00
12	9	6	75	8.3	61.2	10.41	0.00
13	9	6	75	9.1	72.9	10.62	0.00
14	9	6	75	10.2	87.3	10.86	0.00
15	9	6	75	5.1	151.8	9.08	0.00
16	9	6	75	10.2	244.4	6.43	0.00
17	9	6	75	16.8	244.1	4.09	0.00
18	9	6	75	2.2	216.8	5.74	0.00
19	9	6	75	2.2	348.0	6.32	0.00
20	9	6	75	4.9	133.6	5.01	0.00
21	9	6	75	5.0	259.1	4.23	0.00
22	9	6	75	5.3	201.1	5.21	0.00
23	9	6	75	4.7	234.3	4.97	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	10	6	75	5.5	265.7	4.05	0.00
1	10	6	75	6.5	282.4	3.60	0.00
2	10	6	75	3.9	299.9	3.19	0.00
3	10	6	75	5.9	285.0	2.61	0.00
4	10	6	75	2.7	350.3	2.35	0.00
5	10	6	75	6.4	320.0	1.91	0.00
6	10	6	75	3.5	305.2	1.94	0.01
7	10	6	75	6.9	15.1	2.78	0.00
8	10	6	75	7.1	27.2	3.62	0.00
9	10	6	75	8.8	359.2	3.73	0.00
10	10	6	75	11.0	12.8	4.25	0.00
11	10	6	75	10.2	24.8	5.44	0.00
12	10	6	75	12.7	11.8	6.06	0.00
13	10	6	75	12.3	355.6	7.08	0.00
14	10	6	75	14.9	47.4	5.86	0.00
15	10	6	75	4.7	53.7	5.35	0.00
16	10	6	75	9.8	57.0	7.49	0.00
17	10	6	75	11.8	73.5	6.81	0.00
18	10	6	75	6.7	65.1	7.40	0.00
19	10	6	75	5.1	81.0	7.36	0.00
20	10	6	75	5.3	46.2	6.55	0.00
21	10	6	75	3.0	288.9	5.04	0.00
22	10	6	75	4.5	279.3	4.64	0.00
23	10	6	75	6.5	276.3	4.49	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	11	6	75	7.3	262.1	5.52	0.00
1	11	6	75	6.2	277.4	4.96	0.00
2	11	6	75	7.3	270.9	5.01	0.00
3	11	6	75	4.9	280.1	4.22	0.00
4	11	6	75	3.6	266.1	4.48	0.00
5	11	6	75	2.5	252.4	4.54	0.00
6	11	6	75	2.0	244.3	6.26	0.00
7	11	6	75	3.2	104.8	8.03	0.00
8	11	6	75	4.3	111.2	9.81	0.00
9	11	6	75	8.2	241.1	10.01	0.00
10	11	6	75	7.9	315.4	9.38	0.00
11	11	6	75	6.8	257.8	10.29	0.00
12	11	6	75	9.3	251.5	11.30	0.00
13	11	6	75	7.8	267.2	12.42	0.00
14	11	6	75	10.6	269.2	13.51	0.00
15	11	6	75	10.1	269.2	14.35	0.00
16	11	6	75	12.2	274.1	14.80	0.00
17	11	6	75	10.9	257.3	15.13	0.00
18	11	6	75	9.5	256.7	14.94	0.00
19	11	6	75	9.9	225.6	13.90	0.00
20	11	6	75	7.9	242.7	10.95	0.00
21	11	6	75	8.6	259.0	10.29	0.00
22	11	6	75	4.1	266.6	10.13	0.00
23	11	6	75	3.4	104.0	10.20	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	12	6	75	3.6	281.4	9.79	0.00
1	12	6	75	11.2	264.6	9.93	0.00
2	12	6	75	14.2	261.3	10.08	0.00
3	12	6	75	12.6	261.8	9.93	0.00
4	12	6	75	7.4	281.2	10.27	0.00
5	12	6	75	4.5	198.8	9.49	0.00
6	12	6	75	2.3	141.5	11.07	0.00
7	12	6	75	4.1	137.8	12.76	0.00
8	12	6	75	3.4	119.4	14.29	0.00
9	12	6	75	5.5	272.9	16.30	0.00
10	12	6	75	10.4	242.1	16.97	0.00
11	12	6	75	11.5	289.4	17.71	0.00
12	12	6	75	9.1	299.9	18.25	0.00
13	12	6	75	11.5	270.0	19.16	0.00
14	12	6	75	15.8	211.2	18.33	0.00
15	12	6	75	11.8	229.0	17.76	0.00
16	12	6	75	15.4	249.6	17.68	0.00
17	12	6	75	13.5	245.9	17.76	0.00
18	12	6	75	8.2	237.6	16.46	0.00
19	12	6	75	6.6	239.6	16.95	0.00
20	12	6	75	12.6	228.5	16.17	0.00
21	12	6	75	11.6	237.3	15.34	0.00
22	12	6	75	8.9	240.7	15.56	0.00
23	12	6	75	10.6	246.4	14.07	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	13	6	75	10.0	256.8	13.75	0.00
1	13	6	75	11.9	253.7	14.02	0.00
2	13	6	75	12.2	252.6	13.37	0.00
3	13	6	75	11.9	251.8	13.02	0.00
4	13	6	75	11.0	258.1	12.50	0.00
5	13	6	75	13.4	252.0	12.81	0.00
6	13	6	75	9.7	252.0	13.99	0.00
7	13	6	75	11.6	249.2	16.21	0.00
8	13	6	75	10.4	265.7	17.57	0.00
9	13	6	75	12.2	250.6	18.02	0.00
10	13	6	75	13.6	272.9	18.73	0.00
11	13	6	75	18.5	272.1	19.66	0.00
12	13	6	75	23.7	276.8	20.43	0.00
13	13	6	75	19.4	292.2	20.74	0.00
14	13	6	75	16.1	281.4	21.46	0.00
15	13	6	75	17.7	258.6	21.75	0.00
16	13	6	75	19.4	276.3	22.12	0.00
17	13	6	75	19.3	278.3	21.89	0.00
18	13	6	75	24.7	294.7	21.02	0.00
19	13	6	75	19.8	291.2	19.84	0.00
20	13	6	75	17.3	292.2	18.94	0.00
21	13	6	75	13.3	274.8	17.32	0.00
22	13	6	75	10.1	252.9	16.24	0.00
23	13	6	75	10.6	251.9	15.75	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	14	6	75	11.9	229.7	15.57	0.00
1	14	6	75	11.9	236.8	15.80	0.00
2	14	6	75	13.4	264.8	16.39	0.00
3	14	6	75	23.9	279.9	16.53	0.00
4	14	6	75	23.2	293.3	15.65	0.00
5	14	6	75	13.8	287.3	13.64	0.00
6	14	6	75	10.7	298.6	13.01	0.00
7	14	6	75	10.3	295.4	12.93	0.00
8	14	6	75	17.9	326.2	14.95	0.00
9	14	6	75	14.7	310.6	15.58	0.00
10	14	6	75	13.4	306.1	16.24	0.00
11	14	6	75	19.4	276.6	17.08	0.00
12	14	6	75	19.1	291.9	18.03	0.00
13	14	6	75	21.5	284.5	18.69	0.00
14	14	6	75	19.5	280.4	19.18	0.00
15	14	6	75	19.7	294.8	20.14	0.00
16	14	6	75	17.6	298.9	20.92	0.00
17	14	6	75	18.7	292.8	20.74	0.00
18	14	6	75	17.2	292.4	19.84	0.00
19	14	6	75	16.9	289.0	19.10	0.00
20	14	6	75	17.4	294.9	18.05	0.00
21	14	6	75	15.3	292.7	16.47	0.00
22	14	6	75	10.6	277.4	15.08	0.00
23	14	6	75	13.2	269.7	14.39	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	15	6	75	3.6	331.8	14.00	0.00
1	15	6	75	12.6	256.6	14.14	0.00
2	15	6	75	11.2	257.7	12.98	0.00
3	15	6	75	11.0	266.7	13.43	0.00
4	15	6	75	7.1	289.6	11.78	0.00
5	15	6	75	14.2	266.6	12.68	0.00
6	15	6	75	6.4	276.8	13.71	0.00
7	15	6	75	19.5	276.5	14.85	0.00
8	15	6	75	17.5	277.3	15.41	0.00
9	15	6	75	16.2	247.6	16.00	0.00
10	15	6	75	11.4	261.3	17.23	0.00
11	15	6	75	12.3	260.3	17.75	0.00
12	15	6	75	13.8	261.9	18.99	0.00
13	15	6	75	21.0	280.0	19.37	0.00
14	15	6	75	23.4	292.4	20.82	0.00
15	15	6	75	19.7	275.8	21.17	0.00
16	15	6	75	20.1	281.9	21.57	0.00
17	15	6	75	20.6	283.0	21.26	0.00
18	15	6	75	22.0	300.0	20.94	0.00
19	15	6	75	21.2	296.3	20.97	0.00
20	15	6	75	9.4	264.0	18.21	0.00
21	15	6	75	10.2	251.8	17.43	0.00
22	15	6	75	10.8	238.3	17.05	0.00
23	15	6	75	9.6	242.3	16.55	0.00

RIO BLANCO OIL SHALE PROJECT SITE T-2

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	16	6	75	9.2	258.3	15.74	0.00
1	16	6	75	9.9	253.6	17.12	0.00
2	16	6	75	11.2	257.1	14.98	0.00
3	16	6	75	11.4	230.4	15.21	0.00
4	16	6	75	14.6	266.9	14.96	0.00
5	16	6	75	17.1	275.1	14.32	0.00
6	16	6	75	9.0	244.3	13.61	0.00
7	16	6	75	9.2	237.5	14.65	0.00
8	16	6	75	10.4	258.3	15.64	0.00
9	16	6	75	16.3	257.2	16.94	0.00
10	16	6	75	17.4	283.9	17.41	0.00
11	16	6	75	17.1	255.7	16.19	0.00
12	16	6	75	22.2	297.5	19.08	0.00
13	16	6	75	24.5	292.1	18.12	0.00
14	16	6	75	18.7	277.1	15.92	0.00
15	16	6	75	26.6	298.9	18.62	0.00
16	16	6	75	24.6	294.0	17.59	0.00
17	16	6	75	25.0	302.6	17.21	0.00
18	16	6	75	26.7	299.4	16.78	0.00
19	16	6	75	17.9	297.3	16.18	0.00
20	16	6	75	9.2	308.6	15.28	0.00
21	16	6	75	4.4	351.1	14.21	0.00
22	16	6	75	4.6	19.8	12.49	0.00
23	16	6	75	4.8	277.5	11.78	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	17	6	75	3.7	311.5	11.24	0.00
1	17	6	75	3.0	263.0	10.99	0.00
2	17	6	75	8.1	329.2	10.43	0.00
3	17	6	75	14.7	254.9	14.26	0.00
4	17	6	75	12.1	254.4	14.05	0.00
5	17	6	75	4.4	201.6	13.03	0.00
6	17	6	75	2.2	100.3	11.55	0.00
7	17	6	75	1.7	11.9	12.21	0.00
8	17	6	75	3.3	88.0	13.00	0.00
9	17	6	75	2.7	41.8	13.61	0.00
10	17	6	75	4.2	40.2	13.24	0.00
11	17	6	75	10.6	241.2	15.74	0.00
12	17	6	75	10.9	253.5	17.00	0.00
13	17	6	75	18.7	226.9	18.09	0.00
14	17	6	75	23.0	204.5	18.83	0.00
15	17	6	75	22.3	207.8	19.18	0.00
16	17	6	75	21.2	229.7	19.25	0.00
17	17	6	75	13.9	250.2	18.52	0.00
18	17	6	75	7.9	296.6	16.12	0.00
19	17	6	75	14.4	15.0	13.76	0.00
20	17	6	75	7.1	83.6	12.81	0.00
21	17	6	75	5.9	24.6	12.41	0.00
22	17	6	75	9.2	150.7	13.50	0.00
23	17	6	75	17.5	229.5	15.92	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WD10	AT10	PREC
0	18	6	75	11.6	353.7	10.87	0.00
1	18	6	75	13.7	264.2	9.90	0.00
2	18	6	75	5.8	156.9	8.75	0.00
3	18	6	75	4.1	142.5	9.37	0.00
4	18	6	75	6.9	103.0	9.63	0.00
5	18	6	75	4.0	169.2	9.94	0.00
6	18	6	75	10.8	184.7	11.74	0.00
7	18	6	75	14.1	169.8	11.85	0.00
8	18	6	75	14.1	171.4	12.26	0.00
9	18	6	75	17.8	182.0	11.94	0.00
10	18	6	75	13.1	185.5	9.87	0.00
11	18	6	75	12.1	251.7	8.49	0.00
12	18	6	75	19.0	253.7	6.49	0.00
13	18	6	75	15.6	247.7	5.75	0.00
14	18	6	75	7.9	290.5	5.20	0.00
15	18	6	75	12.1	273.6	4.75	0.00
16	18	6	75	12.2	264.5	3.11	0.00
17	18	6	75	9.5	173.9	6.49	0.00
18	18	6	75	12.2	195.4	4.77	0.00
19	18	6	75	8.6	164.8	3.96	0.00
20	18	6	75	17.6	238.7	3.33	0.00
21	18	6	75	14.9	221.9	3.01	0.00
22	18	6	75	6.7	224.2	2.37	0.00
23	18	6	75	2.9	99.9	1.55	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	19	6	75	3.7	130.0	2.70	0.00
1	19	6	75	7.8	114.9	1.89	0.00
2	19	6	75	4.7	144.5	1.89	0.00
3	19	6	75	3.1	127.5	1.47	0.00
4	19	6	75	4.9	107.2	2.11	0.00
5	19	6	75	6.4	153.7	3.09	0.00
6	19	6	75	12.2	184.4	4.31	0.00
7	19	6	75	13.9	179.9	6.19	0.00
8	19	6	75	19.0	186.5	8.20	0.00
9	19	6	75	24.3	202.1	9.41	0.00
10	19	6	75	22.9	202.8	9.84	0.00
11	19	6	75	25.6	198.8	11.24	0.00
12	19	6	75	13.7	268.3	7.97	0.00
13	19	6	75	18.8	199.6	12.68	0.00
14	19	6	75	21.6	198.9	12.44	0.00
15	19	6	75	17.2	201.9	12.43	0.00
16	19	6	75	19.8	207.5	13.66	0.00
17	19	6	75	21.3	222.7	13.79	0.00
18	19	6	75	15.9	260.8	13.16	0.00
19	19	6	75	11.2	270.5	10.31	0.00
20	19	6	75	11.0	282.4	7.26	0.00
21	19	6	75	2.5	45.2	5.36	0.00
22	19	6	75	3.2	176.9	5.59	0.00
23	19	6	75	2.4	287.7	5.09	0.00

RIO BLANCO OIL SHALE PROJECT SITE T&D

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WD10	AT10	PREC
++	++	++	++				
0	20	6	75	1.6	222.7	5.12	0.00
1	20	6	75	3.4	214.6	5.61	0.00
2	20	6	75	3.4	210.6	5.65	0.00
3	20	6	75	1.9	231.6	5.00	0.00
4	20	6	75	5.4	235.4	5.34	0.00
5	20	6	75	3.4	84.3	6.16	0.00
6	20	6	75	1.3	109.6	6.41	0.00
7	20	6	75	5.5	137.7	9.35	0.00
8	20	6	75	8.4	120.4	11.98	0.00
9	20	6	75	14.3	180.2	12.93	0.00
10	20	6	75	21.7	193.7	9.35	0.00
11	20	6	75	12.3	215.1	4.49	0.00
12	20	6	75	12.0	210.0	5.31	0.00
13	20	6	75	8.9	217.9	6.66	0.00
14	20	6	75	17.3	160.2	10.50	0.00
15	20	6	75	17.7	236.2	4.87	0.00
16	20	6	75	17.2	232.3	9.16	0.00
17	20	6	75	16.6	231.9	10.07	0.00
18	20	6	75	16.1	265.6	9.45	0.00
19	20	6	75	14.3	264.7	7.96	0.00
20	20	6	75	11.3	263.0	5.70	0.00
21	20	6	75	5.6	336.9	4.39	0.00
22	20	6	75	5.6	223.7	4.83	0.00
23	20	6	75	6.7	186.2	3.60	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	21	6	75	4.3	159.6	3.04	0.00
1	21	6	75	6.8	193.8	4.32	0.00
2	21	6	75	4.1	262.9	3.80	0.00
3	21	6	75	3.3	273.9	3.93	0.00
4	21	6	75	2.7	269.4	4.38	0.00
5	21	6	75	3.0	172.2	5.04	0.00
6	21	6	75	6.3	258.4	5.62	0.00
7	21	6	75	5.1	255.2	7.31	0.00
8	21	6	75	8.0	228.6	7.48	0.00
9	21	6	75	9.3	252.8	9.38	0.00
10	21	6	75	10.5	258.1	10.02	0.00
11	21	6	75	7.9	255.2	10.93	0.00
12	21	6	75	6.3	263.2	6.59	0.00
13	21	6	75	16.4	256.9	10.12	0.00
14	21	6	75	17.6	255.0	8.76	0.00
15	21	6	75	11.4	254.4	11.57	0.00
16	21	6	75	23.9	251.5	6.85	0.01
17	21	6	75	5.6	262.3	5.35	0.00
18	21	6	75	11.0	269.7	8.91	0.00
19	21	6	75	11.3	263.1	8.83	0.00
20	21	6	75	9.5	220.3	8.25	0.00
21	21	6	75	4.6	204.1	8.58	0.00
22	21	6	75	3.5	287.7	6.41	0.00
23	21	6	75	1.7	208.8	7.02	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
++	++	++	++				
0	22	6	75	2.4	293.3	6.85	0.00
1	22	6	75	5.9	183.3	6.86	0.00
2	22	6	75	2.4	174.2	6.64	0.00
3	22	6	75	7.3	262.6	6.20	0.00
4	22	6	75	7.6	266.0	6.11	0.00
5	22	6	75	2.7	221.6	5.64	0.00
6	22	6	75	1.5	246.8	6.63	0.00
7	22	6	75	2.0	238.8	9.66	0.00
8	22	6	75	4.7	100.0	10.13	0.00
9	22	6	75	1.6	56.6	9.16	0.00
10	22	6	75	5.4	293.1	10.61	0.00
11	22	6	75	8.0	263.4	12.38	0.00
12	22	6	75	9.5	273.6	13.37	0.00
13	22	6	75	13.1	303.4	24.46	0.00
14	22	6	75	9.4	242.8	14.71	0.00
15	22	6	75	12.1	251.0	15.36	0.00
16	22	6	75	13.0	263.5	14.50	0.00
17	22	6	75	11.6	261.9	15.42	0.00
18	22	6	75	10.5	253.7	15.58	0.00
19	22	6	75	6.2	243.1	15.09	0.00
20	22	6	75	8.6	226.1	14.44	0.00
21	22	6	75	8.8	215.8	14.45	0.00
22	22	6	75	10.7	223.8	13.91	0.00
23	22	6	75	12.3	219.2	12.81	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	23	6	75	12.4	222.8	12.30	0.00
1	23	6	75	11.2	253.3	10.46	0.00
2	23	6	75	11.9	263.2	10.63	0.00
3	23	6	75	3.5	181.8	9.68	0.00
4	23	6	75	2.7	300.8	9.47	0.00
5	23	6	75	1.8	173.9	9.96	0.00
6	23	6	75	3.6	272.8	10.70	0.00
7	23	6	75	2.1	123.9	13.46	0.00
8	23	6	75	5.5	78.4	14.24	0.00
9	23	6	75	7.9	236.5	15.83	0.00
10	23	6	75	8.1	239.7	16.96	0.00
11	23	6	75	8.9	227.5	18.03	0.00
12	23	6	75	11.8	220.9	18.52	0.00
13	23	6	75	10.6	236.1	19.34	0.00
14	23	6	75	17.2	254.6	20.00	0.00
15	23	6	75	5.4	240.6	19.90	0.00
16	23	6	75	12.0	223.6	20.47	0.00
17	23	6	75	10.8	232.2	20.37	0.00
18	23	6	75	11.2	0.0	24.01	0.00
19	23	6	75	4.5	251.2	18.95	0.00
20	23	6	75	3.0	255.6	17.69	0.00
21	23	6	75	3.5	266.2	16.09	0.00
22	23	6	75	1.7	232.7	15.15	0.00
23	23	6	75	6.0	259.3	15.45	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WD10	AT10	PREC
0	24	6	75	5.1	163.6	16.44	0.00
1	24	6	75	4.5	197.6	15.72	0.00
2	24	6	75	2.2	265.7	14.14	0.00
3	24	6	75	6.2	209.3	15.58	0.00
4	24	6	75	3.7	156.2	13.95	0.00
5	24	6	75	6.6	177.3	14.38	0.00
6	24	6	75	12.5	186.8	15.60	0.00
7	24	6	75	9.6	166.8	15.24	0.00
8	24	6	75	14.0	158.4	17.18	0.00
9	24	6	75	14.0	173.6	18.17	0.00
10	24	6	75	16.1	186.2	18.41	0.00
11	24	6	75	999.0	999.0	999.00	0.00
12	24	6	75	999.0	999.0	999.00	0.00
13	24	6	75	999.0	999.0	999.00	0.00
14	24	6	75	999.0	999.0	999.00	0.00
15	24	6	75	999.0	999.0	999.00	0.00
16	24	6	75	21.1	193.9	21.56	0.00
17	24	6	75	16.4	205.2	21.15	0.00
18	24	6	75	999.0	999.0	999.00	0.00
19	24	6	75	19.2	209.5	20.91	0.00
20	24	6	75	13.4	191.8	18.95	0.00
21	24	6	75	13.4	192.9	17.85	0.00
22	24	6	75	13.6	205.1	17.55	0.00
23	24	6	75	12.1	200.1	17.11	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	25	6	75	13.9	210.6	17.18	0.00
1	25	6	75	12.9	211.0	16.73	0.00
2	25	6	75	12.4	195.4	15.98	0.00
3	25	6	75	15.4	207.6	15.73	0.00
4	25	6	75	14.1	207.7	14.85	0.00
5	25	6	75	14.6	208.7	13.86	0.00
6	25	6	75	16.3	198.4	14.49	0.00
7	25	6	75	21.3	187.3	15.26	0.00
8	25	6	75	19.1	189.3	15.23	0.00
9	25	6	75	22.6	194.3	15.15	0.00
10	25	6	75	22.2	196.7	15.67	0.00
11	25	6	75	22.4	207.6	15.62	0.00
12	25	6	75	23.3	190.1	15.11	0.00
13	25	6	75	35.5	269.4	7.42	0.00
14	25	6	75	28.4	248.1	12.45	0.00
15	25	6	75	16.5	287.7	11.46	0.00
16	25	6	75	23.3	272.1	13.29	0.00
17	25	6	75	22.2	311.5	10.52	0.00
18	25	6	75	21.4	299.9	9.59	0.00
19	25	6	75	23.7	295.3	8.43	0.00
20	25	6	75	20.6	277.3	6.88	0.00
21	25	6	75	6.4	266.3	5.43	0.00
22	25	6	75	14.1	299.8	5.15	0.00
23	25	6	75	10.7	287.9	4.55	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WD10	AT10	PREC
0	26	6	75	4.6	194.4	3.51	0.00
1	26	6	75	3.6	180.0	1.59	0.00
2	26	6	75	1.6	137.5	2.14	0.00
3	26	6	75	3.3	242.6	2.31	0.00
4	26	6	75	4.9	201.0	2.41	0.00
5	26	6	75	7.4	191.6	3.26	0.00
6	26	6	75	5.7	169.1	3.87	0.00
7	26	6	75	6.0	147.9	5.60	0.00
8	26	6	75	5.2	119.2	7.32	0.00
9	26	6	75	4.2	254.1	9.95	0.00
10	26	6	75	5.2	266.9	10.75	0.00
11	26	6	75	5.3	231.8	12.49	0.00
12	26	6	75	6.6	248.0	14.35	0.00
13	26	6	75	5.5	230.4	16.14	0.00
14	26	6	75	10.1	225.5	17.47	0.00
15	26	6	75	9.8	224.2	18.80	0.00
16	26	6	75	13.4	223.8	19.09	0.00
17	26	6	75	12.7	210.7	19.23	0.00
18	26	6	75	14.2	231.9	18.80	0.00
19	26	6	75	10.7	229.0	17.21	0.00
20	26	6	75	4.5	312.6	13.90	0.00
21	26	6	75	3.7	358.2	13.81	0.00
22	26	6	75	7.3	278.3	13.32	0.00
23	26	6	75	7.9	276.4	12.31	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	27	6	75	4.2	352.8	13.16	0.00
1	27	6	75	2.9	322.9	12.12	0.00
2	27	6	75	5.3	158.5	11.63	0.00
3	27	6	75	4.1	156.8	12.91	0.00
4	27	6	75	4.0	122.1	12.06	0.00
5	27	6	75	12.0	215.3	13.42	0.00
6	27	6	75	15.9	207.9	15.00	0.00
7	27	6	75	13.5	212.3	16.93	0.00
8	27	6	75	18.4	203.5	18.11	0.00
9	27	6	75	19.2	229.3	19.43	0.00
10	27	6	75	21.6	230.4	20.63	0.00
11	27	6	75	21.2	228.4	20.47	0.00
12	27	6	75	22.0	212.3	21.05	0.00
13	27	6	75	25.7	208.9	21.71	0.00
14	27	6	75	27.2	228.9	22.43	0.00
15	27	6	75	20.3	213.3	22.87	0.00
16	27	6	75	19.5	208.0	22.95	0.00
17	27	6	75	16.4	240.5	22.49	0.00
18	27	6	75	13.1	226.0	21.63	0.00
19	27	6	75	13.1	220.0	21.07	0.00
20	27	6	75	13.7	220.6	20.43	0.00
21	27	6	75	14.2	223.7	19.63	0.00
22	27	6	75	13.1	217.2	19.08	0.00
23	27	6	75	16.5	219.5	18.90	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS1	WDR1	AT1	PREC
0	28	6	75	15.9	241.3	17.69	0.00
1	28	6	75	13.4	250.3	15.25	0.00
2	28	6	75	12.5	249.6	15.39	0.00
3	28	6	75	11.1	240.8	14.53	0.00
4	28	6	75	6.4	292.7	12.33	0.00
5	28	6	75	5.5	293.1	12.06	0.00
6	28	6	75	4.2	283.0	12.66	0.00
7	28	6	75	3.2	305.4	14.53	0.00
8	28	6	75	2.3	300.9	17.17	0.00
9	28	6	75	4.4	140.9	19.36	0.00
10	28	6	75	4.5	210.3	20.89	0.00
11	28	6	75	12.4	202.0	21.83	0.00
12	28	6	75	9.0	999.0	19.53	0.00
13	28	6	75	8.9	999.0	17.74	0.00
14	28	6	75	6.1	313.2	18.97	0.00
15	28	6	75	6.5	237.6	20.79	0.00
16	28	6	75	5.3	172.8	21.52	0.00
17	28	6	75	5.3	103.9	23.41	0.00
18	28	6	75	4.1	62.9	23.58	0.00
19	28	6	75	12.7	241.9	21.73	0.00
20	28	6	75	13.5	234.1	20.03	0.00
21	28	6	75	13.6	219.0	19.34	0.00
22	28	6	75	12.6	209.1	19.23	0.00
23	28	6	75	14.1	209.1	18.71	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	29	6	75	13.5	211.1	18.13	0.00
1	29	6	75	15.0	219.5	18.63	0.00
2	29	6	75	14.5	210.0	18.49	0.00
3	29	6	75	14.1	208.8	18.10	0.00
4	29	6	75	13.5	208.4	17.24	0.00
5	29	6	75	14.6	211.7	17.08	0.00
6	29	6	75	16.4	215.3	17.70	0.00
7	29	6	75	15.2	211.7	18.94	0.00
8	29	6	75	16.5	230.0	19.64	0.00
9	29	6	75	17.7	216.0	20.40	0.00
10	29	6	75	15.2	217.5	20.99	0.00
11	29	6	75	17.0	214.6	21.84	0.00
12	29	6	75	21.7	215.2	22.10	0.00
13	29	6	75	22.4	213.9	22.84	0.00
14	29	6	75	21.7	198.8	23.63	0.00
15	29	6	75	22.2	210.9	23.06	0.00
16	29	6	75	15.1	209.2	23.44	0.00
17	29	6	75	17.5	207.5	23.91	0.00
18	29	6	75	16.3	225.4	23.51	0.00
19	29	6	75	3.5	97.2	23.24	0.00
20	29	6	75	13.5	231.1	19.60	0.00
21	29	6	75	14.0	232.2	19.50	0.00
22	29	6	75	13.3	216.3	19.08	0.00
23	29	6	75	14.9	215.3	19.15	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WSTA	WDIR	ATIM	PREC
0	30	6	75	14.9	218.5	18.68	0.00
1	30	6	75	15.4	217.0	18.73	0.00
2	30	6	75	16.3	216.5	18.80	0.00
3	30	6	75	14.6	219.2	18.93	0.00
4	30	6	75	14.4	223.4	19.11	0.00
5	30	6	75	4.9	329.1	15.51	0.00
6	30	6	75	3.6	7.2	16.17	0.00
7	30	6	75	4.0	59.7	17.94	0.00
8	30	6	75	5.0	89.4	19.89	0.00
9	30	6	75	10.0	191.0	22.49	0.00
10	30	6	75	10.3	179.0	23.65	0.00
11	30	6	75	13.7	181.3	24.23	0.00
12	30	6	75	14.8	203.6	24.67	0.00
13	30	6	75	15.7	191.2	24.89	0.00
14	30	6	75	15.4	199.4	25.70	0.00
15	30	6	75	16.5	229.3	25.93	0.00
16	30	6	75	14.3	217.1	26.17	0.00
17	30	6	75	13.5	201.8	25.92	0.00
18	30	6	75	8.9	208.3	25.35	0.00
19	30	6	75	9.9	219.2	24.12	0.00
20	30	6	75	9.5	229.1	23.45	0.00
21	30	6	75	11.0	233.7	22.45	0.00
22	30	6	75	15.0	231.2	22.35	0.00
23	30	6	75	11.9	238.3	20.71	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	1	7	75	7.7	238.3	18.16	0.00
1	1	7	75	13.7	225.6	21.35	0.00
2	1	7	75	11.5	213.6	21.90	0.00
3	1	7	75	13.4	246.3	19.31	0.00
4	1	7	75	14.6	229.4	20.38	0.00
5	1	7	75	13.6	207.3	20.25	0.00
6	1	7	75	4.0	160.6	19.05	0.00
7	1	7	75	5.1	221.2	20.94	0.00
8	1	7	75	6.4	118.3	22.25	0.00
9	1	7	75	10.1	174.6	24.09	0.00
10	1	7	75	17.6	175.1	24.52	0.00
11	1	7	75	16.6	169.2	25.32	0.00
12	1	7	75	13.8	186.1	25.80	0.00
13	1	7	75	17.2	202.2	26.69	0.00
14	1	7	75	18.2	229.1	26.44	0.00
15	1	7	75	16.3	227.8	26.56	0.00
16	1	7	75	11.0	217.3	26.97	0.00
17	1	7	75	9.1	205.8	26.88	0.00
18	1	7	75	8.6	212.1	26.44	0.00
19	1	7	75	11.2	223.6	24.92	0.00
20	1	7	75	8.9	241.9	23.28	0.00
21	1	7	75	7.0	262.5	21.89	0.00
22	1	7	75	5.6	257.9	22.61	0.00
23	1	7	75	7.6	248.0	22.27	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WD10	AT10	PREC
0	2	7	75	7.6	255.9	22.50	0.00
1	2	7	75	5.2	319.0	18.64	0.00
2	2	7	75	4.6	233.8	19.53	0.00
3	2	7	75	1.5	251.5	17.13	0.00
4	2	7	75	0.1	224.0	20.93	0.00
5	2	7	75	4.3	160.7	20.01	0.00
6	2	7	75	3.3	125.2	13.72	0.00
7	2	7	75	4.1	107.0	21.23	0.00
8	2	7	75	4.6	106.9	23.12	0.00
9	2	7	75	6.0	244.6	25.85	0.00
10	2	7	75	7.4	242.3	24.63	0.00
11	2	7	75	7.3	264.1	25.26	0.00
12	2	7	75	8.0	195.6	26.60	0.00
13	2	7	75	7.6	108.9	26.63	0.00
14	2	7	75	8.7	215.1	27.47	0.00
15	2	7	75	11.5	207.5	27.29	0.00
16	2	7	75	11.2	43.9	25.24	0.00
17	2	7	75	6.8	175.1	22.77	0.00
18	2	7	75	7.2	238.0	22.28	0.00
19	2	7	75	19.5	107.7	20.25	0.00
20	2	7	75	7.2	123.7	18.61	0.00
21	2	7	75	6.7	163.4	18.05	0.00
22	2	7	75	4.0	235.3	17.06	0.00
23	2	7	75	7.0	234.9	17.31	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	3	7	75	14.6	220.9	18.10	0.00
1	3	7	75	6.8	126.7	16.78	0.00
2	3	7	75	7.1	89.3	15.42	0.00
3	3	7	75	2.5	308.9	14.07	0.00
4	3	7	75	5.1	257.2	14.98	0.00
5	3	7	75	4.8	203.0	16.63	0.00
6	3	7	75	3.2	135.9	16.10	0.00
7	3	7	75	4.4	113.3	17.47	0.00
8	3	7	75	2.7	171.3	17.99	0.00
9	3	7	75	7.1	268.3	20.18	0.00
10	3	7	75	9.5	252.6	21.50	0.00
11	3	7	75	8.6	267.4	22.15	0.00
12	3	7	75	9.4	195.5	22.40	0.00
13	3	7	75	6.0	232.5	23.60	0.00
14	3	7	75	9.0	183.2	24.17	0.00
15	3	7	75	10.6	224.1	24.73	0.00
16	3	7	75	7.7	233.5	24.87	0.00
17	3	7	75	10.2	262.5	24.46	0.00
18	3	7	75	8.5	209.3	23.86	0.00
19	3	7	75	12.3	233.1	21.11	0.00
20	3	7	75	6.4	328.5	17.03	0.00
21	3	7	75	4.6	43.6	17.15	0.00
22	3	7	75	4.1	326.5	16.74	0.00
23	3	7	75	5.5	33.0	16.34	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
++	++	++	++				
0	4	7	75	4.9	290.3	14.93	0.00
1	4	7	75	5.3	276.5	14.67	0.00
2	4	7	75	5.1	117.4	14.78	0.00
3	4	7	75	5.3	248.5	12.97	0.00
4	4	7	75	6.6	251.6	13.45	0.00
5	4	7	75	4.5	271.1	14.09	0.00
6	4	7	75	3.8	266.7	15.39	0.00
7	4	7	75	2.8	123.5	16.65	0.00
8	4	7	75	3.7	143.4	19.35	0.00
9	4	7	75	3.0	3.0	21.92	0.00
10	4	7	75	4.3	271.2	22.87	0.00
11	4	7	75	5.9	223.2	23.13	0.00
12	4	7	75	5.6	298.8	21.09	0.00
13	4	7	75	9.1	151.2	18.84	0.00
14	4	7	75	15.4	212.5	18.26	0.00
15	4	7	75	12.1	188.6	18.74	0.00
16	4	7	75	7.7	216.5	22.05	0.00
17	4	7	75	8.3	254.5	22.66	0.00
18	4	7	75	8.5	258.6	22.19	0.00
19	4	7	75	4.2	230.3	21.53	0.00
20	4	7	75	5.6	258.9	18.54	0.00
21	4	7	75	2.4	308.7	18.90	0.00
22	4	7	75	5.0	318.0	17.20	0.00
23	4	7	75	4.1	293.3	16.07	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	5	7	75	6.4	240.0	16.80	0.00
1	5	7	75	5.4	270.9	16.66	0.00
2	5	7	75	8.6	14.0	14.23	0.00
3	5	7	75	4.6	279.3	13.20	0.00
4	5	7	75	6.2	253.1	14.20	0.00
5	5	7	75	3.3	266.1	14.30	0.00
6	5	7	75	4.6	51.2	14.25	0.00
7	5	7	75	1.6	108.9	16.77	0.00
8	5	7	75	2.3	22.7	19.10	0.00
9	5	7	75	5.6	45.3	18.34	0.00
10	5	7	75	5.3	32.1	18.88	0.00
11	5	7	75	5.3	63.4	20.73	0.00
12	5	7	75	7.1	20.6	21.85	0.00
13	5	7	75	7.6	27.6	23.08	0.00
14	5	7	75	5.0	333.5	23.27	0.00
15	5	7	75	5.6	337.5	24.52	0.00
16	5	7	75	9.7	304.3	24.16	0.00
17	5	7	75	8.1	338.9	24.27	0.00
18	5	7	75	11.5	313.6	21.70	0.00
19	5	7	75	8.9	280.4	20.91	0.00
20	5	7	75	14.3	36.7	17.97	0.00
21	5	7	75	7.1	75.5	17.45	0.00
22	5	7	75	4.2	107.5	16.06	0.00
23	5	7	75	2.1	252.4	15.07	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WSP	WDR	AT	PREC
++	++	++	++				
0	6	7	75	4.4	285.9	14.94	0.00
1	6	7	75	3.8	241.9	15.34	0.00
2	6	7	75	3.0	5.4	14.46	0.00
3	6	7	75	5.2	277.5	12.42	0.00
4	6	7	75	4.1	289.7	12.59	0.00
5	6	7	75	4.0	283.5	12.96	0.00
6	6	7	75	1.9	336.3	14.45	0.00
7	6	7	75	4.8	44.5	15.06	0.00
8	6	7	75	4.1	108.6	16.29	0.00
9	6	7	75	5.7	352.6	17.27	0.00
10	6	7	75	6.0	25.2	19.40	0.00
11	6	7	75	6.0	31.3	20.87	0.00
12	6	7	75	6.2	47.8	22.10	0.00
13	6	7	75	6.4	51.6	23.76	0.00
14	6	7	75	6.6	35.2	24.31	0.00
15	6	7	75	8.3	56.3	24.94	0.00
16	6	7	75	7.7	8.5	25.66	0.00
17	6	7	75	8.1	336.0	25.48	0.00
18	6	7	75	7.8	355.9	25.19	0.00
19	6	7	75	7.1	324.8	23.81	0.00
20	6	7	75	4.6	288.5	21.02	0.00
21	6	7	75	5.3	277.9	20.62	0.00
22	6	7	75	5.2	272.9	20.66	0.00
23	6	7	75	4.7	280.8	19.83	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	7	7	75	3.6	281.8	19.73	0.00
1	7	7	75	4.9	274.3	18.97	0.00
2	7	7	75	5.0	277.0	18.94	0.00
3	7	7	75	3.4	61.7	18.12	0.00
4	7	7	75	4.5	283.1	16.96	0.00
5	7	7	75	3.7	173.9	16.42	0.00
6	7	7	75	5.0	282.9	17.36	0.00
7	7	7	75	2.8	349.7	19.55	0.00
8	7	7	75	4.0	96.6	20.29	0.00
9	7	7	75	3.5	78.2	22.79	0.00
10	7	7	75	6.6	63.1	23.82	0.00
11	7	7	75	6.4	71.5	24.69	0.00
12	7	7	75	6.9	71.7	25.39	0.00
13	7	7	75	7.6	79.7	26.13	0.00
14	7	7	75	6.7	54.4	26.58	0.00
15	7	7	75	8.6	29.6	26.24	0.00
16	7	7	75	9.4	13.5	26.08	0.00
17	7	7	75	10.4	25.1	26.37	0.00
18	7	7	75	8.9	27.3	25.85	0.00
19	7	7	75	9.9	62.1	24.73	0.00
20	7	7	75	5.3	58.2	22.69	0.00
21	7	7	75	4.9	2.7	21.39	0.00
22	7	7	75	4.1	238.7	19.74	0.00
23	7	7	75	4.6	333.4	19.07	0.00

RIO BLANCO OIL SHALE PROJECT SITE T30

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	8	7	75	7.2	332.2	17.11	0.00
1	8	7	75	4.4	355.8	17.10	0.00
2	8	7	75	2.8	277.2	15.87	0.00
3	8	7	75	4.8	293.4	15.07	0.00
4	8	7	75	4.1	275.2	14.37	0.00
5	8	7	75	3.3	307.3	14.17	0.00
6	8	7	75	3.9	294.3	14.41	0.00
7	8	7	75	2.7	305.1	17.16	0.00
8	8	7	75	3.4	341.5	17.53	0.00
9	8	7	75	4.1	50.8	20.64	0.00
10	8	7	75	5.7	11.2	21.63	0.00
11	8	7	75	5.9	8.0	23.92	0.00
12	8	7	75	6.2	29.7	24.95	0.00
13	8	7	75	5.6	47.2	23.44	0.00
14	8	7	75	16.8	202.2	17.85	0.01
15	8	7	75	10.7	208.2	21.24	0.00
16	8	7	75	9.6	211.6	21.85	0.00
17	8	7	75	8.1	259.1	20.77	0.00
18	8	7	75	8.6	311.3	20.07	0.00
19	8	7	75	8.9	358.3	18.66	0.00
20	8	7	75	2.5	219.4	18.30	0.00
21	8	7	75	1.2	352.3	16.89	0.00
22	8	7	75	6.0	255.8	17.01	0.00
23	8	7	75	5.9	217.6	16.70	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	9	7	75	8.2	185.1	19.32	0.00
1	9	7	75	4.2	294.3	17.56	0.00
2	9	7	75	9.1	228.3	14.23	0.00
3	9	7	75	7.1	177.5	13.16	0.00
4	9	7	75	12.9	224.2	13.65	0.00
5	9	7	75	9.6	195.5	13.95	0.00
6	9	7	75	10.7	243.2	14.45	0.00
7	9	7	75	7.6	274.8	14.78	0.00
8	9	7	75	3.8	305.2	16.27	0.00
9	9	7	75	3.0	160.0	18.33	0.00
10	9	7	75	2.4	215.9	19.97	0.00
11	9	7	75	3.6	197.7	20.74	0.00
12	9	7	75	5.7	263.4	21.72	0.00
13	9	7	75	3.9	326.2	22.44	0.00
14	9	7	75	12.7	215.6	19.99	0.00
15	9	7	75	4.5	40.9	19.25	0.00
16	9	7	75	6.4	190.8	20.81	0.00
17	9	7	75	3.1	174.1	21.31	0.00
18	9	7	75	12.7	23.2	18.99	0.00
19	9	7	75	9.2	21.3	16.05	0.00
20	9	7	75	4.5	181.9	15.17	0.00
21	9	7	75	2.8	284.1	14.56	0.00
22	9	7	75	3.9	265.7	15.00	0.00
23	9	7	75	6.5	205.3	16.45	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WD10	AT10	PREC
0	10	7	75	2.7	41.5	14.52	0.00
1	10	7	75	3.6	239.3	14.57	0.00
2	10	7	75	1.2	1.7	13.57	0.00
3	10	7	75	2.5	194.2	12.88	0.00
4	10	7	75	5.1	40.3	13.45	0.00
5	10	7	75	3.1	223.4	11.50	0.00
6	10	7	75	3.3	302.2	12.26	0.00
7	10	7	75	3.0	287.8	14.61	0.00
8	10	7	75	2.4	6.8	17.39	0.00
9	10	7	75	3.7	89.6	18.21	0.00
10	10	7	75	5.5	50.2	19.23	0.00
11	10	7	75	6.9	55.5	20.38	0.00
12	10	7	75	7.5	53.2	21.31	0.00
13	10	7	75	7.7	45.2	22.31	0.00
14	10	7	75	8.3	33.7	23.39	0.00
15	10	7	75	10.1	51.8	23.92	0.00
16	10	7	75	6.7	45.1	24.36	0.00
17	10	7	75	8.3	40.7	23.53	0.00
18	10	7	75	8.5	59.4	22.13	0.00
19	10	7	75	4.9	52.9	21.36	0.00
20	10	7	75	5.6	15.7	19.89	0.00
21	10	7	75	4.0	354.3	18.80	0.00
22	10	7	75	5.1	339.3	18.13	0.00
23	10	7	75	3.9	291.4	17.60	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WD210	AT10	PREC
0	11	7	75	4.2	293.7	17.01	0.00
1	11	7	75	3.9	332.4	16.48	0.00
2	11	7	75	5.0	282.5	15.47	0.00
3	11	7	75	3.2	297.2	15.39	0.00
4	11	7	75	4.1	298.0	14.60	0.00
5	11	7	75	4.5	289.5	14.17	0.00
6	11	7	75	4.0	279.5	14.33	0.00
7	11	7	75	1.6	231.4	17.23	0.00
8	11	7	75	4.1	109.0	17.87	0.00
9	11	7	75	8.7	95.9	18.43	0.00
10	11	7	75	5.9	79.0	20.12	0.00
11	11	7	75	8.6	72.0	20.83	0.00
12	11	7	75	9.4	32.1	22.04	0.00
13	11	7	75	8.8	41.9	22.23	0.00
14	11	7	75	8.8	24.9	22.87	0.00
15	11	7	75	9.9	29.1	23.11	0.00
16	11	7	75	10.5	21.9	23.52	0.00
17	11	7	75	9.2	39.6	23.24	0.00
18	11	7	75	9.9	51.7	23.10	0.00
19	11	7	75	8.2	70.1	21.80	0.00
20	11	7	75	5.9	51.8	19.79	0.00
21	11	7	75	3.9	341.4	18.22	0.00
22	11	7	75	2.9	348.3	17.81	0.00
23	11	7	75	3.2	16.7	17.93	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	12	7	75	3.9	302.3	16.58	0.00
1	12	7	75	4.5	290.6	16.25	0.00
2	12	7	75	3.7	295.9	15.67	0.00
3	12	7	75	3.1	276.1	15.16	0.00
4	12	7	75	2.5	273.3	14.03	0.00
5	12	7	75	2.4	313.5	13.47	0.00
6	12	7	75	2.3	332.3	14.05	0.00
7	12	7	75	1.2	93.3	15.60	0.00
8	12	7	75	3.4	310.2	17.25	0.00
9	12	7	75	2.1	25.2	16.56	0.00
10	12	7	75	1.9	334.1	19.07	0.00
11	12	7	75	4.4	292.3	19.98	0.00
12	12	7	75	4.6	315.7	20.75	0.00
13	12	7	75	5.0	272.6	20.13	0.00
14	12	7	75	3.2	285.3	21.47	0.00
15	12	7	75	8.0	306.1	22.71	0.00
16	12	7	75	6.8	303.5	23.14	0.00
17	12	7	75	4.9	316.7	22.77	0.00
18	12	7	75	3.9	12.5	22.34	0.00
19	12	7	75	9.4	249.8	17.42	0.00
20	12	7	75	8.7	255.0	17.98	0.00
21	12	7	75	12.6	261.0	17.47	0.00
22	12	7	75	11.1	249.7	16.95	0.00
23	12	7	75	12.4	257.4	16.80	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	13	7	75	11.5	266.0	16.68	0.00
1	13	7	75	11.6	267.0	16.39	0.00
2	13	7	75	6.9	275.7	15.90	0.00
3	13	7	75	3.9	88.8	15.78	0.00
4	13	7	75	7.5	226.9	16.31	0.00
5	13	7	75	3.9	210.9	14.91	0.00
6	13	7	75	2.7	167.8	15.63	0.00
7	13	7	75	6.1	212.8	16.38	0.00
8	13	7	75	8.2	274.7	17.81	0.00
9	13	7	75	10.7	231.0	19.06	0.00
10	13	7	75	9.1	225.8	20.21	0.00
11	13	7	75	12.3	238.2	20.96	0.00
12	13	7	75	12.3	254.2	20.54	0.00
13	13	7	75	11.5	206.5	22.13	0.00
14	13	7	75	16.4	260.8	19.47	0.00
15	13	7	75	9.6	210.9	21.16	0.00
16	13	7	75	15.0	252.7	22.31	0.00
17	13	7	75	12.5	277.6	20.68	0.00
18	13	7	75	9.0	262.7	20.38	0.00
19	13	7	75	9.1	261.1	20.56	0.00
20	13	7	75	11.5	269.8	18.66	0.00
21	13	7	75	10.5	273.2	18.18	0.00
22	13	7	75	9.0	258.9	16.91	0.00
23	13	7	75	5.5	254.7	17.48	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WD10	AT10	PREC
0	14	7	75	9.2	253.0	17.01	0.00
1	14	7	75	3.0	233.5	16.09	0.00
2	14	7	75	3.0	290.8	15.20	0.00
3	14	7	75	4.5	247.3	15.88	0.00
4	14	7	75	3.4	256.1	15.45	0.00
5	14	7	75	3.2	268.9	15.34	0.00
6	14	7	75	1.4	196.3	17.09	0.00
7	14	7	75	3.0	127.6	17.98	0.00
8	14	7	75	3.3	158.7	19.31	0.00
9	14	7	75	2.7	250.0	21.45	0.00
10	14	7	75	3.7	235.0	22.21	0.00
11	14	7	75	4.2	276.3	22.36	0.00
12	14	7	75	3.9	71.9	23.41	0.00
13	14	7	75	13.7	28.5	21.62	0.00
14	14	7	75	3.6	16.9	23.60	0.00
15	14	7	75	12.9	149.3	23.23	0.00
16	14	7	75	10.8	224.3	21.20	0.00
17	14	7	75	5.3	234.2	24.30	0.00
18	14	7	75	7.9	254.2	21.93	0.00
19	14	7	75	9.2	245.5	20.90	0.00
20	14	7	75	13.9	292.3	20.59	0.00
21	14	7	75	4.4	273.7	19.52	0.00
22	14	7	75	8.9	159.8	18.40	0.00
23	14	7	75	11.3	193.7	17.33	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	15	7	75	8.3	166.5	17.01	0.00
1	15	7	75	15.3	207.0	16.95	0.00
2	15	7	75	17.1	219.4	16.00	0.00
3	15	7	75	5.1	50.3	15.86	0.00
4	15	7	75	4.3	11.1	13.88	0.00
5	15	7	75	3.7	279.2	13.95	0.00
6	15	7	75	2.7	276.2	15.44	0.00
7	15	7	75	3.0	120.7	15.51	0.00
8	15	7	75	3.1	172.2	17.52	0.00
9	15	7	75	5.0	127.3	19.01	0.00
10	15	7	75	7.4	208.8	20.67	0.00
11	15	7	75	10.4	236.7	21.52	0.00
12	15	7	75	9.5	277.7	22.13	0.00
13	15	7	75	11.3	218.9	22.97	0.00
14	15	7	75	11.2	281.9	21.05	0.00
15	15	7	75	7.5	54.4	21.15	0.00
16	15	7	75	6.0	58.2	21.17	0.00
17	15	7	75	5.9	62.7	21.90	0.00
18	15	7	75	5.6	20.1	21.06	0.00
19	15	7	75	8.4	318.0	17.98	0.00
20	15	7	75	11.3	197.0	17.73	0.00
21	15	7	75	2.4	299.6	15.99	0.00
22	15	7	75	5.0	226.8	17.32	0.00
23	15	7	75	2.8	238.1	16.74	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WSP	WDR	AIR	PREC
++	++	++	++				
0	16	7	75	4.6	277.7	15.83	0.00
1	16	7	75	4.3	279.9	15.76	0.00
2	16	7	75	9.3	154.2	14.07	0.00
3	16	7	75	7.4	212.4	15.86	0.00
4	16	7	75	4.9	143.7	12.95	0.00
5	16	7	75	3.0	355.9	12.64	0.00
6	16	7	75	2.7	222.3	12.52	0.00
7	16	7	75	2.5	300.7	14.46	0.00
8	16	7	75	7.7	136.9	17.68	0.00
9	16	7	75	11.7	209.7	16.25	0.00
10	16	7	75	12.7	207.5	12.50	0.00
11	16	7	75	5.2	150.1	13.46	0.00
12	16	7	75	4.9	103.3	13.37	0.00
13	16	7	75	6.7	194.6	12.22	0.00
14	16	7	75	6.3	114.5	11.97	0.00
15	16	7	75	8.7	116.3	14.67	0.00
16	16	7	75	8.1	136.0	16.07	0.00
17	16	7	75	6.9	187.0	16.65	0.00
18	16	7	75	9.8	309.2	12.05	0.00
19	16	7	75	5.2	160.6	12.77	0.00
20	16	7	75	10.7	295.1	9.65	0.00
21	16	7	75	7.4	115.6	10.09	0.00
22	16	7	75	8.5	152.5	9.50	0.00
23	16	7	75	11.2	163.1	9.92	0.01

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	17	7	75	8.5	173.0	10.64	0.00
1	17	7	75	4.1	220.4	11.88	0.00
2	17	7	75	3.3	155.0	12.08	0.00
3	17	7	75	2.4	280.0	11.12	0.00
4	17	7	75	3.1	331.3	10.56	0.00
5	17	7	75	2.5	128.0	11.12	0.00
6	17	7	75	5.7	267.1	12.04	0.00
7	17	7	75	7.7	219.8	14.69	0.00
8	17	7	75	12.5	240.0	15.91	0.00
9	17	7	75	14.1	228.8	16.64	0.00
10	17	7	75	14.2	210.5	17.51	0.00
11	17	7	75	12.1	227.4	18.43	0.00
12	17	7	75	13.0	215.5	19.26	0.00
13	17	7	75	14.1	225.6	19.31	0.00
14	17	7	75	6.5	279.3	15.85	0.00
15	17	7	75	11.8	216.8	19.30	0.00
16	17	7	75	12.2	222.2	20.03	0.00
17	17	7	75	12.0	229.8	20.78	0.00
18	17	7	75	11.9	224.8	20.29	0.00
19	17	7	75	10.7	223.8	18.92	0.00
20	17	7	75	8.5	203.8	18.48	0.00
21	17	7	75	10.4	211.7	18.15	0.00
22	17	7	75	11.3	203.5	17.83	0.00
23	17	7	75	10.8	212.0	17.91	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WD810	AT10	PREC
0	18	7	75	11.9	210.8	18.11	0.00
1	18	7	75	13.7	208.0	18.07	0.00
2	18	7	75	13.4	213.4	17.96	0.00
3	18	7	75	13.0	233.2	17.20	0.00
4	18	7	75	9.5	253.2	15.76	0.00
5	18	7	75	3.2	6.9	15.47	0.00
6	18	7	75	3.8	253.5	16.50	0.00
7	18	7	75	4.7	249.7	17.59	0.00
8	18	7	75	7.6	236.2	18.67	0.00
9	18	7	75	8.3	258.1	19.58	0.00
10	18	7	75	9.8	266.5	20.80	0.00
11	18	7	75	8.4	229.3	21.52	0.00
12	18	7	75	7.0	253.9	21.76	0.00
13	18	7	75	11.0	220.5	22.39	0.00
14	18	7	75	10.0	211.9	22.57	0.00
15	18	7	75	6.4	225.3	23.28	0.00
16	18	7	75	2.0	177.6	22.64	0.00
17	18	7	75	6.4	192.2	22.50	0.00
18	18	7	75	8.5	195.4	23.15	0.00
19	18	7	75	8.9	211.4	21.52	0.00
20	18	7	75	10.6	210.9	20.77	0.00
21	18	7	75	12.0	219.9	20.69	0.00
22	18	7	75	7.6	249.9	19.12	0.00
23	18	7	75	5.4	276.1	19.26	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	19	7	75	5.8	306.8	18.11	0.00
1	19	7	75	2.9	280.2	17.40	0.00
2	19	7	75	5.8	277.3	16.75	0.00
3	19	7	75	4.5	285.8	16.30	0.00
4	19	7	75	4.7	264.9	17.10	0.00
5	19	7	75	5.3	267.7	17.07	0.00
6	19	7	75	4.4	264.7	17.98	0.00
7	19	7	75	1.7	110.9	19.89	0.00
8	19	7	75	2.3	250.3	21.44	0.00
9	19	7	75	4.5	117.1	22.31	0.00
10	19	7	75	4.1	176.8	22.90	0.00
11	19	7	75	5.1	284.0	23.47	0.00
12	19	7	75	6.2	199.1	24.42	0.00
13	19	7	75	4.7	221.5	25.30	0.00
14	19	7	75	5.3	341.8	26.02	0.00
15	19	7	75	8.7	1.3	25.83	0.00
16	19	7	75	6.8	46.2	26.39	0.00
17	19	7	75	9.5	317.1	25.66	0.00
18	19	7	75	6.9	338.3	25.53	0.00
19	19	7	75	4.9	314.1	24.90	0.00
20	19	7	75	4.5	271.5	21.75	0.00
21	19	7	75	4.9	279.4	20.86	0.00
22	19	7	75	4.4	312.9	20.01	0.00
23	19	7	75	4.8	275.9	19.38	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	20	7	75	3.3	275.1	19.94	0.00
1	20	7	75	5.7	259.7	19.47	0.00
2	20	7	75	4.6	280.4	19.15	0.00
3	20	7	75	5.0	290.7	18.19	0.00
4	20	7	75	4.3	285.3	17.66	0.00
5	20	7	75	4.0	311.7	16.00	0.00
6	20	7	75	2.6	282.7	17.14	0.00
7	20	7	75	2.3	288.6	17.65	0.00
8	20	7	75	3.4	0.3	18.51	0.00
9	20	7	75	4.4	45.1	21.05	0.00
10	20	7	75	8.2	39.8	22.68	0.00
11	20	7	75	7.2	61.7	24.24	0.00
12	20	7	75	2.6	88.4	23.69	0.00
13	20	7	75	5.1	238.8	24.22	0.00
14	20	7	75	19.3	299.8	22.09	0.00
15	20	7	75	13.4	274.2	24.68	0.00
16	20	7	75	11.4	276.0	25.41	0.00
17	20	7	75	16.3	354.3	24.08	0.00
18	20	7	75	8.7	32.2	21.28	0.00
19	20	7	75	9.0	74.5	20.32	0.00
20	20	7	75	7.2	140.6	18.96	0.00
21	20	7	75	4.7	144.1	13.49	0.00
22	20	7	75	2.4	205.9	17.04	0.00
23	20	7	75	4.0	270.5	16.89	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	21	7	75	5.2	312.8	15.82	0.00
1	21	7	75	5.8	273.5	13.66	0.00
2	21	7	75	7.8	237.1	15.03	0.00
3	21	7	75	3.0	271.6	14.86	0.00
4	21	7	75	3.5	257.7	14.68	0.00
5	21	7	75	3.1	159.7	15.47	0.00
6	21	7	75	3.8	111.5	15.67	0.00
7	21	7	75	3.2	173.8	16.29	0.00
8	21	7	75	3.0	261.8	18.13	0.00
9	21	7	75	4.4	247.4	20.94	0.00
10	21	7	75	4.6	258.1	21.59	0.00
11	21	7	75	5.9	276.6	22.35	0.00
12	21	7	75	7.8	299.7	23.12	0.00
13	21	7	75	9.6	283.7	24.23	0.00
14	21	7	75	6.9	111.1	25.43	0.00
15	21	7	75	8.0	99.9	24.38	0.00
16	21	7	75	11.2	278.0	24.57	0.00
17	21	7	75	17.5	272.1	19.32	0.00
18	21	7	75	10.7	299.6	19.69	0.00
19	21	7	75	6.9	262.1	18.83	0.00
20	21	7	75	7.9	157.2	18.34	0.00
21	21	7	75	5.2	167.3	17.85	0.00
22	21	7	75	6.7	188.5	19.03	0.00
23	21	7	75	8.9	225.4	17.96	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WD10	AT10	PREC
0	22	7	75	3.9	215.1	15.70	0.00
1	22	7	75	2.6	306.1	14.99	0.00
2	22	7	75	4.8	263.1	14.93	0.00
3	22	7	75	4.4	254.2	14.97	0.00
4	22	7	75	3.3	274.8	14.63	0.00
5	22	7	75	3.1	295.7	14.90	0.00
6	22	7	75	6.0	340.1	15.78	0.00
7	22	7	75	4.7	114.1	16.87	0.00
8	22	7	75	4.9	141.9	18.33	0.00
9	22	7	75	4.5	118.1	21.22	0.00
10	22	7	75	6.6	257.5	22.51	0.00
11	22	7	75	12.5	304.6	23.15	0.00
12	22	7	75	11.3	299.1	23.66	0.00
13	22	7	75	13.1	303.4	24.48	0.00
14	22	7	75	14.4	213.6	23.77	0.00
15	22	7	75	10.2	258.7	24.47	0.00
16	22	7	75	3.6	238.4	25.71	0.00
17	22	7	75	6.9	259.0	25.91	0.00
18	22	7	75	7.6	356.4	25.37	0.00
19	22	7	75	5.1	319.9	24.72	0.00
20	22	7	75	6.0	287.3	20.46	0.00
21	22	7	75	5.1	34.4	20.00	0.00
22	22	7	75	1.2	188.4	17.62	0.00
23	22	7	75	3.7	238.1	18.96	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	23	7	75	5.3	262.6	16.52	0.00
1	23	7	75	4.1	353.2	16.04	0.00
2	23	7	75	4.0	295.4	16.67	0.00
3	23	7	75	3.4	238.1	16.35	0.00
4	23	7	75	4.5	41.0	16.41	0.00
5	23	7	75	3.1	272.0	15.40	0.00
6	23	7	75	3.4	279.2	15.90	0.00
7	23	7	75	3.4	325.4	17.66	0.00
8	23	7	75	2.3	235.9	19.32	0.00
9	23	7	75	4.0	16.0	20.68	0.00
10	23	7	75	6.0	324.4	22.02	0.00
11	23	7	75	6.9	20.4	22.08	0.00
12	23	7	75	12.8	346.7	22.34	0.00
13	23	7	75	9.7	322.6	23.49	0.00
14	23	7	75	10.4	300.2	24.11	0.00
15	23	7	75	12.4	331.0	24.70	0.00
16	23	7	75	13.6	331.5	25.09	0.00
17	23	7	75	12.0	357.5	24.86	0.00
18	23	7	75	11.2	360.0	24.01	0.00
19	23	7	75	5.9	336.6	23.67	0.00
20	23	7	75	5.6	292.8	19.78	0.00
21	23	7	75	5.8	291.7	19.05	0.00
22	23	7	75	4.4	286.1	18.62	0.00
23	23	7	75	4.4	292.4	17.55	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	24	7	75	3.9	281.1	17.20	0.00
1	24	7	75	1.4	193.7	16.04	0.00
2	24	7	75	1.5	318.2	16.02	0.00
3	24	7	75	6.7	273.2	15.52	0.00
4	24	7	75	2.2	297.1	16.49	0.00
5	24	7	75	2.3	95.7	14.92	0.00
6	24	7	75	2.2	220.0	15.74	0.00
7	24	7	75	2.5	329.0	17.98	0.00
8	24	7	75	6.2	45.7	17.61	0.00
9	24	7	75	4.4	18.2	19.40	0.00
10	24	7	75	6.1	18.2	21.04	0.00
11	24	7	75	5.9	353.7	22.72	0.00
12	24	7	75	8.4	337.1	23.25	0.00
13	24	7	75	13.1	325.7	23.95	0.00
14	24	7	75	13.2	301.9	24.11	0.00
15	24	7	75	6.7	328.5	25.03	0.00
16	24	7	75	11.5	319.3	25.05	0.00
17	24	7	75	7.6	309.8	25.02	0.00
18	24	7	75	9.3	347.4	23.92	0.00
19	24	7	75	6.6	338.2	23.77	0.00
20	24	7	75	7.7	293.6	20.04	0.00
21	24	7	75	1.9	274.0	20.26	0.00
22	24	7	75	3.8	195.4	19.42	0.00
23	24	7	75	5.8	255.8	19.09	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	25	7	75	4.0	268.1	19.06	0.00
1	25	7	75	3.4	265.6	19.27	0.00
2	25	7	75	4.5	283.6	16.69	0.00
3	25	7	75	4.9	291.9	16.61	0.00
4	25	7	75	2.0	92.3	15.78	0.00
5	25	7	75	4.0	259.8	16.11	0.00
6	25	7	75	3.7	274.9	16.70	0.00
7	25	7	75	0.6	298.5	19.12	0.00
8	25	7	75	3.6	62.0	19.27	0.00
9	25	7	75	4.8	9.4	20.16	0.00
10	25	7	75	5.3	22.6	20.85	0.00
11	25	7	75	7.6	67.0	23.04	0.00
12	25	7	75	7.1	73.3	22.34	0.00
13	25	7	75	11.8	191.2	20.99	0.00
14	25	7	75	4.9	73.0	24.05	0.00
15	25	7	75	13.5	339.4	25.30	0.00
16	25	7	75	10.7	358.9	24.97	0.00
17	25	7	75	11.7	136.5	23.35	0.00
18	25	7	75	6.6	174.7	21.67	0.00
19	25	7	75	7.2	134.8	21.39	0.00
20	25	7	75	5.7	272.0	18.61	0.00
21	25	7	75	2.4	228.0	18.79	0.00
22	25	7	75	9.4	154.8	18.00	0.00
23	25	7	75	4.1	215.4	17.43	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	26	7	75	3.5	266.8	16.85	0.00
1	26	7	75	3.1	308.6	16.29	0.00
2	26	7	75	3.6	310.5	15.32	0.00
3	26	7	75	5.2	274.5	15.14	0.00
4	26	7	75	2.3	322.4	14.77	0.00
5	26	7	75	4.1	306.1	14.52	0.00
6	26	7	75	3.5	284.1	14.51	0.00
7	26	7	75	3.7	301.3	15.63	0.00
8	26	7	75	3.6	304.9	19.75	0.00
9	26	7	75	4.7	64.6	21.75	0.00
10	26	7	75	4.1	24.7	22.94	0.00
11	26	7	75	7.0	51.6	23.56	0.00
12	26	7	75	8.2	61.9	24.77	0.00
13	26	7	75	8.5	84.6	25.40	0.00
14	26	7	75	8.7	60.7	25.00	0.00
15	26	7	75	7.1	41.3	25.16	0.00
16	26	7	75	12.8	175.2	22.95	0.00
17	26	7	75	7.5	288.6	23.94	0.00
18	26	7	75	5.6	49.9	24.33	0.00
19	26	7	75	9.1	94.0	23.18	0.00
20	26	7	75	10.0	117.9	20.74	0.00
21	26	7	75	4.3	272.6	18.50	0.00
22	26	7	75	6.0	121.1	17.26	0.00
23	26	7	75	4.6	251.5	16.99	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	27	7	75	4.7	252.8	17.75	0.00
1	27	7	75	3.8	58.8	15.85	0.00
2	27	7	75	4.2	287.5	14.94	0.00
3	27	7	75	4.9	272.4	15.54	0.00
4	27	7	75	1.9	41.3	15.21	0.00
5	27	7	75	3.8	299.0	14.24	0.00
6	27	7	75	3.3	286.5	14.72	0.00
7	27	7	75	1.3	285.1	17.91	0.00
8	27	7	75	2.2	73.0	21.43	0.00
9	27	7	75	5.4	177.7	22.04	0.00
10	27	7	75	7.4	160.1	22.89	0.00
11	27	7	75	5.4	81.8	23.57	0.00
12	27	7	75	3.6	306.5	23.74	0.00
13	27	7	75	7.0	173.2	25.86	0.00
14	27	7	75	8.9	125.1	25.73	0.00
15	27	7	75	8.7	200.2	25.84	0.00
16	27	7	75	5.0	209.0	26.12	0.00
17	27	7	75	10.9	232.1	22.98	0.00
18	27	7	75	11.6	230.9	22.73	0.00
19	27	7	75	10.9	216.3	22.87	0.00
20	27	7	75	11.7	217.7	21.91	0.00
21	27	7	75	9.1	171.6	20.00	0.00
22	27	7	75	5.6	121.4	18.53	0.00
23	27	7	75	10.8	181.2	19.14	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	28	7	75	9.0	221.8	18.90	0.00
1	28	7	75	6.4	118.6	17.75	0.00
2	28	7	75	4.7	336.8	16.80	0.00
3	28	7	75	3.7	47.0	17.70	0.00
4	28	7	75	7.9	180.5	17.65	0.00
5	28	7	75	3.3	261.3	17.47	0.00
6	28	7	75	3.9	283.0	18.07	0.00
7	28	7	75	2.4	345.1	15.70	0.00
8	28	7	75	2.4	63.4	21.73	0.00
9	28	7	75	3.8	111.3	23.29	0.00
10	28	7	75	8.0	270.9	23.58	0.00
11	28	7	75	13.8	264.5	22.29	0.00
12	28	7	75	999.0	999.0	999.00	0.00
13	28	7	75	999.0	999.0	999.00	0.00
14	28	7	75	999.0	999.0	999.00	0.00
15	28	7	75	999.0	999.0	999.00	0.00
16	28	7	75	999.0	999.0	999.00	0.00
17	28	7	75	999.0	999.0	999.00	0.00
18	28	7	75	999.0	999.0	999.00	0.00
19	28	7	75	999.0	999.0	999.00	0.00
20	28	7	75	999.0	999.0	999.00	0.00
21	28	7	75	999.0	999.0	999.00	0.00
22	28	7	75	11.0	233.1	20.09	0.00
23	28	7	75	11.0	228.3	19.67	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	29	7	75	12.5	235.9	18.73	0.00
1	29	7	75	10.6	261.9	17.44	0.00
2	29	7	75	3.7	156.8	17.82	0.00
3	29	7	75	12.6	221.5	17.44	0.00
4	29	7	75	15.0	238.8	17.61	0.00
5	29	7	75	15.6	232.9	17.80	0.00
6	29	7	75	16.5	218.0	17.60	0.00
7	29	7	75	12.3	220.6	17.19	0.00
8	29	7	75	8.3	235.7	17.22	0.00
9	29	7	75	10.7	189.1	18.40	0.00
10	29	7	75	8.3	218.0	18.22	0.00
11	29	7	75	10.4	204.6	19.90	0.00
12	29	7	75	12.5	194.1	21.04	0.00
13	29	7	75	11.7	221.1	22.19	0.00
14	29	7	75	15.2	194.8	21.10	0.00
15	29	7	75	14.5	194.7	21.73	0.00
16	29	7	75	13.2	213.0	22.16	0.00
17	29	7	75	15.1	169.5	21.42	0.00
18	29	7	75	16.4	210.8	20.29	0.00
19	29	7	75	12.1	199.0	19.52	0.00
20	29	7	75	22.2	242.7	11.56	0.00
21	29	7	75	19.7	236.3	13.04	0.00
22	29	7	75	15.0	215.8	13.51	0.00
23	29	7	75	10.9	189.7	13.30	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	30	7	75	8.8	203.8	12.70	0.00
1	30	7	75	3.9	142.3	12.75	0.00
2	30	7	75	4.2	117.5	12.35	0.00
3	30	7	75	8.1	153.8	12.34	0.00
4	30	7	75	3.2	74.4	11.64	0.00
5	30	7	75	2.6	220.8	11.89	0.00
6	30	7	75	3.3	82.2	12.50	0.00
7	30	7	75	9.7	234.2	12.52	0.00
8	30	7	75	8.6	270.5	11.38	0.00
9	30	7	75	5.7	159.6	12.23	0.00
10	30	7	75	999.0	999.0	999.00	0.00
11	30	7	75	9.1	255.5	16.63	0.00
12	30	7	75	7.3	217.4	18.11	0.00
13	30	7	75	13.1	199.2	19.08	0.00
14	30	7	75	14.4	208.8	19.78	0.00
15	30	7	75	13.2	216.5	20.46	0.00
16	30	7	75	13.6	205.5	20.69	0.00
17	30	7	75	14.4	209.9	20.88	0.00
18	30	7	75	14.6	211.8	20.17	0.00
19	30	7	75	10.8	205.8	18.72	0.00
20	30	7	75	9.7	194.3	16.54	0.00
21	30	7	75	10.0	214.3	15.77	0.00
22	30	7	75	11.3	195.8	15.96	0.00
23	30	7	75	11.9	213.4	15.98	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	31	7	75	11.0	219.3	15.63	0.00
1	31	7	75	13.9	218.7	15.69	0.00
2	31	7	75	13.3	213.2	16.12	0.00
3	31	7	75	15.6	223.8	15.85	0.00
4	31	7	75	13.1	227.1	15.16	0.00
5	31	7	75	10.4	254.7	13.75	0.00
6	31	7	75	9.5	248.7	13.31	0.00
7	31	7	75	3.3	107.1	13.13	0.00
8	31	7	75	4.6	112.8	14.76	0.00
9	31	7	75	4.6	112.7	17.21	0.00
10	31	7	75	10.0	172.6	19.11	0.00
11	31	7	75	10.4	202.1	19.98	0.00
12	31	7	75	12.7	195.2	20.59	0.00
13	31	7	75	12.1	303.0	18.82	0.00
14	31	7	75	11.8	283.3	19.42	0.00
15	31	7	75	10.5	293.9	20.30	0.00
16	31	7	75	11.5	262.3	21.26	0.00
17	31	7	75	10.5	288.3	20.38	0.00
18	31	7	75	6.2	239.3	19.65	0.00
19	31	7	75	8.9	269.9	18.13	0.00
20	31	7	75	16.4	300.4	14.28	0.00
21	31	7	75	30.1	296.0	12.90	0.00
22	31	7	75	16.5	264.9	13.31	0.00
23	31	7	75	19.3	286.0	16.99	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	1	8	75	7.6	329.9	13.72	0.00
1	1	8	75	8.3	345.2	13.71	0.00
2	1	8	75	6.8	330.8	13.58	0.00
3	1	8	75	4.4	14.4	12.03	0.00
4	1	8	75	4.3	324.8	10.96	0.00
5	1	8	75	1.9	177.6	10.88	0.00
6	1	8	75	4.0	283.3	9.97	0.00
7	1	8	75	4.9	337.5	11.45	0.00
8	1	8	75	6.7	59.3	13.19	0.00
9	1	8	75	8.2	66.8	14.27	0.00
10	1	8	75	5.7	15.4	15.50	0.00
11	1	8	75	7.1	358.3	16.11	0.00
12	1	8	75	5.7	285.9	17.36	0.00
13	1	8	75	7.6	285.9	19.02	0.00
14	1	8	75	12.7	267.6	19.54	0.00
15	1	8	75	14.2	290.4	19.75	0.00
16	1	8	75	12.5	312.7	20.04	0.00
17	1	8	75	11.9	309.7	20.03	0.00
18	1	8	75	11.2	284.7	20.03	0.00
19	1	8	75	5.4	295.3	19.73	0.00
20	1	8	75	6.6	260.8	14.65	0.00
21	1	8	75	5.3	270.9	15.24	0.00
22	1	8	75	4.3	263.6	15.73	0.00
23	1	8	75	5.8	260.9	15.77	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	2	8	75	4.7	304.1	13.49	0.00
1	2	8	75	6.4	264.6	13.79	0.00
2	2	8	75	5.1	291.9	12.56	0.00
3	2	8	75	6.0	271.3	12.42	0.00
4	2	8	75	6.1	257.0	12.17	0.00
5	2	8	75	5.1	273.5	12.07	0.00
6	2	8	75	4.4	279.9	11.97	0.00
7	2	8	75	2.2	293.0	14.05	0.00
8	2	8	75	3.4	116.8	15.96	0.00
9	2	8	75	5.9	70.6	16.27	0.00
10	2	8	75	5.9	83.6	17.86	0.00
11	2	8	75	10.5	285.8	19.13	0.00
12	2	8	75	10.6	288.9	20.15	0.00
13	2	8	75	10.1	279.6	20.75	0.00
14	2	8	75	12.0	311.3	21.42	0.00
15	2	8	75	12.0	311.3	21.42	0.00
16	2	8	75	12.0	311.3	21.42	0.00
17	2	8	75	12.0	311.3	21.42	0.00
18	2	8	75	12.0	311.3	21.42	0.00
19	2	8	75	12.0	311.3	21.42	0.00
20	2	8	75	12.0	311.3	21.42	0.00
21	2	8	75	12.0	311.3	21.42	0.00
22	2	8	75	12.0	311.3	21.42	0.00
23	2	8	75	12.0	311.3	21.42	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	3	8	75	12.0	311.3	21.42	0.00
1	3	8	75	12.0	311.3	21.42	0.00
2	3	8	75	12.0	311.3	21.42	0.00
3	3	8	75	12.0	311.3	21.42	0.00
4	3	8	75	12.0	311.3	21.42	0.00
5	3	8	75	12.0	311.3	21.42	0.00
6	3	8	75	12.0	311.3	21.42	0.00
7	3	8	75	12.0	311.3	21.42	0.00
8	3	8	75	12.0	311.3	21.42	0.00
9	3	8	75	12.0	311.3	21.42	0.00
10	3	8	75	12.0	311.3	21.42	0.00
11	3	8	75	12.0	311.3	21.42	0.00
12	3	8	75	12.0	311.3	21.42	0.00
13	3	8	75	12.0	311.3	21.42	0.00
14	3	8	75	12.0	311.3	21.42	0.00
15	3	8	75	12.0	311.3	21.42	0.00
16	3	8	75	12.0	311.3	21.42	0.00
17	3	8	75	12.0	311.3	21.42	0.00
18	3	8	75	12.0	311.3	21.42	0.00
19	3	8	75	12.0	311.3	21.42	0.00
20	3	8	75	12.0	311.3	21.42	0.00
21	3	8	75	12.0	311.3	21.42	0.00
22	3	8	75	12.0	311.3	21.42	0.00
23	3	8	75	12.0	311.3	21.42	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	4	8	75	12.0	311.3	21.42	0.00
1	4	8	75	12.0	311.3	21.42	0.00
2	4	8	75	12.0	311.3	21.42	0.00
3	4	8	75	12.0	311.3	21.42	0.00
4	4	8	75	12.0	311.3	21.42	0.00
5	4	8	75	12.0	311.3	21.42	0.00
6	4	8	75	12.0	311.3	21.42	0.00
7	4	8	75	12.0	311.3	21.42	0.00
8	4	8	75	12.0	311.3	21.42	0.00
9	4	8	75	12.0	311.3	21.42	0.00
10	4	8	75	12.0	311.3	21.42	0.00
11	4	8	75	12.0	311.3	21.42	0.00
12	4	8	75	12.2	309.5	23.32	0.00
13	4	8	75	8.3	280.9	24.67	0.00
14	4	8	75	9.2	295.9	25.32	0.00
15	4	8	75	11.3	300.0	25.76	0.00
16	4	8	75	11.2	330.8	26.14	0.00
17	4	8	75	6.8	338.5	26.08	0.00
18	4	8	75	7.5	330.1	25.88	0.00
19	4	8	75	5.0	295.7	24.15	0.00
20	4	8	75	5.9	269.9	21.16	0.00
21	4	8	75	5.8	258.1	21.72	0.00
22	4	8	75	3.7	249.9	21.88	0.00
23	4	8	75	3.8	269.4	20.31	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	5	8	75	11.6	219.8	21.83	0.00
1	5	8	75	8.1	252.8	20.69	0.00
2	5	8	75	8.5	259.8	19.97	0.00
3	5	8	75	5.1	271.4	13.56	0.00
4	5	8	75	2.5	240.6	18.56	0.00
5	5	8	75	4.9	132.5	18.41	0.00
6	5	8	75	3.1	289.5	18.93	0.00
7	5	8	75	3.7	104.3	20.61	0.00
8	5	8	75	4.9	87.7	22.36	0.00
9	5	8	75	5.2	250.9	24.66	0.00
10	5	8	75	8.5	239.3	25.23	0.00
11	5	8	75	11.2	243.6	26.54	0.00
12	5	8	75	8.6	294.1	26.46	0.00
13	5	8	75	6.2	270.9	26.04	0.00
14	5	8	75	9.8	249.6	26.64	0.00
15	5	8	75	11.7	255.4	26.66	0.00
16	5	8	75	3.4	221.9	26.70	0.00
17	5	8	75	10.5	221.0	26.95	0.00
18	5	8	75	8.9	232.0	26.03	0.00
19	5	8	75	10.4	214.3	24.21	0.00
20	5	8	75	12.0	215.7	23.14	0.00
21	5	8	75	13.6	222.0	23.26	0.00
22	5	8	75	14.9	223.7	23.40	0.00
23	5	8	75	10.4	260.0	20.69	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	ATI0	PREC
0	6	8	75	11.8	244.5	21.14	0.00
1	6	8	75	9.8	253.4	21.86	0.00
2	6	8	75	10.4	249.7	21.37	0.00
3	6	8	75	10.5	256.7	19.70	0.00
4	6	8	75	13.5	237.7	20.54	0.00
5	6	8	75	11.6	233.5	20.58	0.00
6	6	8	75	9.7	257.9	19.86	0.00
7	6	8	75	8.6	256.1	21.09	0.00
8	6	8	75	11.1	246.0	23.07	0.00
9	6	8	75	13.5	253.3	23.78	0.00
10	6	8	75	10.6	233.7	24.83	0.00
11	6	8	75	9.7	206.2	25.74	0.00
12	6	8	75	7.7	319.6	24.92	0.00
13	6	8	75	15.6	298.3	21.28	0.00
14	6	8	75	9.9	272.8	24.34	0.00
15	6	8	75	10.3	265.3	26.12	0.00
16	6	8	75	8.9	212.2	25.96	0.00
17	6	8	75	14.9	254.1	25.81	0.00
18	6	8	75	7.4	265.8	24.70	0.00
19	6	8	75	10.3	275.9	24.09	0.00
20	6	8	75	10.6	238.1	22.91	0.00
21	6	8	75	9.7	215.3	22.55	0.00
22	6	8	75	10.8	216.7	21.62	0.00
23	6	8	75	12.4	215.9	21.15	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	7	8	75	13.4	204.3	20.71	0.00
1	7	8	75	14.9	207.1	20.71	0.00
2	7	8	75	13.7	215.3	20.94	0.00
3	7	8	75	18.5	234.2	21.26	0.00
4	7	8	75	18.4	228.5	20.93	0.00
5	7	8	75	18.6	225.4	20.87	0.00
6	7	8	75	16.3	218.8	20.15	0.00
7	7	8	75	16.3	213.6	21.39	0.00
8	7	8	75	15.9	226.2	22.09	0.00
9	7	8	75	17.0	221.9	23.31	0.00
10	7	8	75	17.4	220.2	23.63	0.00
11	7	8	75	16.2	227.9	24.41	0.00
12	7	8	75	14.4	213.3	25.21	0.00
13	7	8	75	14.6	238.4	25.66	0.00
14	7	8	75	19.0	250.3	26.21	0.00
15	7	8	75	18.0	210.1	26.81	0.00
16	7	8	75	11.7	207.7	26.97	0.00
17	7	8	75	7.4	305.2	24.79	0.00
18	7	8	75	7.7	168.3	22.93	0.00
19	7	8	75	8.8	211.5	22.33	0.00
20	7	8	75	11.9	229.7	21.48	0.00
21	7	8	75	19.0	279.9	21.97	0.00
22	7	8	75	15.9	292.1	20.95	0.00
23	7	8	75	5.2	328.0	18.79	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	8	8	75	3.4	238.3	18.27	0.00
1	8	8	75	4.1	232.7	17.08	0.00
2	8	8	75	5.3	294.8	15.75	0.00
3	8	8	75	5.7	283.8	14.95	0.00
4	8	8	75	3.6	265.7	14.90	0.00
5	8	8	75	1.5	234.0	13.80	0.00
6	8	8	75	3.4	211.1	14.09	0.00
7	8	8	75	0.9	279.7	16.16	0.00
8	8	8	75	3.1	64.0	18.70	0.00
9	8	8	75	3.3	89.2	20.20	0.00
10	8	8	75	5.6	268.6	22.17	0.00
11	8	8	75	9.8	281.5	23.30	0.00
12	8	8	75	13.2	298.0	24.19	0.00
13	8	8	75	12.4	285.3	24.36	0.00
14	8	8	75	12.0	302.8	24.76	0.00
15	8	8	75	9.5	289.4	25.42	0.00
16	8	8	75	14.8	301.9	25.67	0.00
17	8	8	75	14.9	295.5	25.23	0.00
18	8	8	75	14.2	306.4	25.32	0.00
19	8	8	75	11.2	313.0	23.18	0.00
20	8	8	75	8.7	297.7	20.43	0.00
21	8	8	75	6.9	292.7	20.19	0.00
22	8	8	75	4.8	347.5	20.16	0.00
23	8	8	75	5.0	274.5	19.27	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	9	8	75	4.8	276.3	19.33	0.00
1	9	8	75	3.2	290.3	19.02	0.00
2	9	8	75	4.3	280.6	18.66	0.00
3	9	8	75	3.8	280.8	17.61	0.00
4	9	8	75	4.3	264.9	18.02	0.00
5	9	8	75	3.5	0.1	16.79	0.00
6	9	8	75	2.7	264.2	16.55	0.00
7	9	8	75	2.6	263.8	17.68	0.00
8	9	8	75	3.6	91.6	20.22	0.00
9	9	8	75	7.3	34.9	21.04	0.00
10	9	8	75	4.2	23.4	22.20	0.00
11	9	8	75	4.3	296.2	23.78	0.00
12	9	8	75	6.7	304.0	25.33	0.00
13	9	8	75	8.8	243.0	25.96	0.00
14	9	8	75	7.7	310.0	26.38	0.00
15	9	8	75	7.2	341.0	26.85	0.00
16	9	8	75	12.3	313.8	26.25	0.00
17	9	8	75	11.7	332.4	26.25	0.00
18	9	8	75	10.6	337.9	25.91	0.00
19	9	8	75	5.1	290.1	22.82	0.00
20	9	8	75	5.5	266.2	21.36	0.00
21	9	8	75	5.5	266.1	22.08	0.00
22	9	8	75	5.0	272.9	21.98	0.00
23	9	8	75	5.3	264.2	21.91	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	10	8	75	4.2	275.2	21.27	0.00
1	10	8	75	5.6	246.0	22.13	0.00
2	10	8	75	7.1	254.9	20.55	0.00
3	10	8	75	5.1	298.9	19.74	0.00
4	10	8	75	3.0	316.2	18.05	0.00
5	10	8	75	2.2	339.3	17.51	0.00
6	10	8	75	1.9	337.0	18.58	0.00
7	10	8	75	2.5	148.2	18.86	0.00
8	10	8	75	1.7	308.1	22.00	0.00
9	10	8	75	8.6	240.2	23.00	0.00
10	10	8	75	8.9	246.2	23.89	0.00
11	10	8	75	11.3	263.0	24.99	0.00
12	10	8	75	14.0	248.3	25.86	0.00
13	10	8	75	8.0	241.6	25.24	0.00
14	10	8	75	19.9	249.5	19.09	0.00
15	10	8	75	14.1	210.9	20.73	0.00
16	10	8	75	11.6	128.8	21.66	0.00
17	10	8	75	9.1	138.5	22.09	0.00
18	10	8	75	4.6	316.1	20.83	0.00
19	10	8	75	4.7	193.7	20.14	0.00
20	10	8	75	11.5	233.4	19.99	0.00
21	10	8	75	12.4	238.3	20.26	0.00
22	10	8	75	9.1	226.0	20.35	0.00
23	10	8	75	16.2	256.3	19.66	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	11	8	75	15.7	257.4	18.70	0.00
1	11	8	75	15.1	259.3	19.10	0.00
2	11	8	75	13.9	252.5	19.05	0.00
3	11	8	75	4.2	69.4	18.18	0.00
4	11	8	75	7.3	133.7	18.03	0.00
5	11	8	75	8.9	236.0	17.68	0.00
6	11	8	75	5.3	293.1	17.15	0.00
7	11	8	75	6.4	239.5	18.30	0.00
8	11	8	75	7.6	268.2	18.87	0.00
9	11	8	75	10.3	258.9	18.89	0.00
10	11	8	75	12.9	276.1	19.78	0.00
11	11	8	75	10.7	294.7	19.85	0.00
12	11	8	75	7.5	316.6	20.37	0.00
13	11	8	75	7.0	257.2	20.17	0.00
14	11	8	75	14.1	152.7	19.25	0.00
15	11	8	75	13.6	135.8	20.44	0.00
16	11	8	75	13.9	125.6	20.31	0.00
17	11	8	75	11.6	134.4	21.01	0.00
18	11	8	75	7.4	125.0	19.85	0.00
19	11	8	75	5.9	196.6	19.04	0.00
20	11	8	75	36.7	285.3	12.86	0.00
21	11	8	75	10.2	324.8	12.31	0.00
22	11	8	75	4.9	131.3	11.53	0.00
23	11	8	75	4.8	172.1	10.46	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	12	8	75	3.3	256.5	10.06	0.00
1	12	8	75	6.9	245.5	11.09	0.00
2	12	8	75	4.8	252.7	11.34	0.00
3	12	8	75	6.6	227.6	13.10	0.00
4	12	8	75	3.1	288.6	12.23	0.00
5	12	8	75	3.3	60.3	9.77	0.00
6	12	8	75	4.6	285.8	9.65	0.00
7	12	8	75	3.8	212.5	14.76	0.00
8	12	8	75	2.7	94.4	15.90	0.00
9	12	8	75	4.9	80.6	17.97	0.00
10	12	8	75	4.7	12.4	19.46	0.00
11	12	8	75	4.8	214.6	20.67	0.00
12	12	8	75	4.2	62.1	21.07	0.00
13	12	8	75	4.7	75.9	21.39	0.00
14	12	8	75	6.9	320.1	21.01	0.00
15	12	8	75	9.2	193.4	19.60	0.00
16	12	8	75	4.1	183.4	18.32	0.00
17	12	8	75	18.3	305.6	13.59	0.00
18	12	8	75	7.1	318.7	17.28	0.00
19	12	8	75	4.0	141.2	15.99	0.00
20	12	8	75	3.4	39.8	14.68	0.00
21	12	8	75	10.0	179.5	13.27	0.00
22	12	8	75	9.4	178.1	12.75	0.00
23	12	8	75	7.2	197.2	13.91	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	13	8	75	2.2	285.5	13.46	0.00
1	13	8	75	4.5	271.1	13.31	0.00
2	13	8	75	5.1	274.0	12.75	0.00
3	13	8	75	5.1	281.9	12.20	0.00
4	13	8	75	6.0	295.9	12.19	0.00
5	13	8	75	2.3	37.5	11.89	0.00
6	13	8	75	3.4	286.2	12.21	0.00
7	13	8	75	3.2	149.8	13.27	0.00
8	13	8	75	2.6	107.5	14.68	0.00
9	13	8	75	2.0	321.4	16.22	0.00
10	13	8	75	6.8	256.8	17.90	0.00
11	13	8	75	11.9	266.2	18.35	0.00
12	13	8	75	12.9	269.1	17.77	0.00
13	13	8	75	7.4	240.9	17.16	0.00
14	13	8	75	11.2	249.2	18.08	0.00
15	13	8	75	12.5	283.6	19.48	0.00
16	13	8	75	10.8	320.6	18.42	0.00
17	13	8	75	28.4	267.5	12.07	0.00
18	13	8	75	10.9	282.5	11.85	0.00
19	13	8	75	13.7	274.2	13.56	0.00
20	13	8	75	10.1	253.3	13.76	0.00
21	13	8	75	5.4	184.1	12.92	0.00
22	13	8	75	6.9	257.7	12.67	0.00
23	13	8	75	4.9	279.6	11.57	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	14	8	75	8.5	253.6	12.01	0.00
1	14	8	75	11.3	258.8	11.83	0.00
2	14	8	75	4.9	269.7	11.53	0.00
3	14	8	75	4.0	268.7	11.96	0.00
4	14	8	75	2.7	253.0	11.53	0.00
5	14	8	75	4.5	171.5	11.23	0.00
6	14	8	75	4.1	195.6	12.62	0.00
7	14	8	75	1.9	53.9	13.61	0.00
8	14	8	75	3.6	169.0	16.33	0.00
9	14	8	75	7.9	223.3	17.77	0.00
10	14	8	75	11.4	254.9	17.83	0.00
11	14	8	75	12.2	247.7	18.50	0.00
12	14	8	75	13.5	251.8	18.11	0.00
13	14	8	75	16.9	229.9	12.79	0.00
14	14	8	75	16.9	229.9	12.79	0.00
15	14	8	75	16.9	229.9	12.79	0.00
16	14	8	75	16.9	229.9	12.79	0.00
17	14	8	75	16.9	229.9	12.79	0.00
18	14	8	75	16.9	229.9	12.79	0.00
19	14	8	75	999.0	999.0	999.00	999.00
20	14	8	75	19.7	229.6	11.11	0.00
21	14	8	75	19.7	229.6	11.11	0.00
22	14	8	75	19.7	229.6	11.11	0.00
23	14	8	75	19.7	229.6	11.11	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT1C	PREC
0	15	8	75	19.7	229.6	11.11	0.00
1	15	8	75	19.7	229.6	11.11	0.00
2	15	8	75	19.7	229.6	11.11	0.00
3	15	8	75	19.7	229.6	11.11	0.00
4	15	8	75	19.7	229.6	11.11	0.00
5	15	8	75	19.7	229.6	11.11	0.00
6	15	8	75	19.7	229.6	11.11	0.00
7	15	8	75	19.7	229.6	11.11	0.00
8	15	8	75	19.7	229.6	11.11	0.00
9	15	8	75	999.0	999.0	999.00	999.00
10	15	8	75	999.0	999.0	999.00	999.00
11	15	8	75	19.7	229.6	11.11	0.00
12	15	8	75	19.7	229.6	11.11	0.00
13	15	8	75	19.7	229.6	11.11	0.00
14	15	8	75	19.7	229.6	11.11	0.00
15	15	8	75	19.7	229.6	11.11	0.00
16	15	8	75	19.7	229.6	11.11	0.00
17	15	8	75	19.7	229.6	11.11	0.00
18	15	8	75	3.8	187.2	19.59	0.00
19	15	8	75	2.6	210.5	18.87	0.00
20	15	8	75	2.6	291.0	17.07	0.00
21	15	8	75	4.9	319.8	15.58	0.00
22	15	8	75	3.8	277.5	15.51	0.00
23	15	8	75	2.8	281.9	14.92	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT1C	PREC
0	16	8	75	3.6	279.5	14.42	0.00
1	16	8	75	3.7	266.8	14.26	0.00
2	16	8	75	3.7	264.2	14.64	0.00
3	16	8	75	3.3	273.4	14.66	0.00
4	16	8	75	3.7	276.6	13.62	0.00
5	16	8	75	4.1	275.3	13.65	0.00
6	16	8	75	3.1	4.4	14.38	0.00
7	16	8	75	3.6	237.5	15.39	0.00
8	16	8	75	5.2	164.6	14.93	0.00
9	16	8	75	9.1	140.0	16.73	0.00
10	16	8	75	6.3	181.6	20.34	0.00
11	16	8	75	8.4	191.9	20.70	0.00
12	16	8	75	7.9	299.7	21.31	0.00
13	16	8	75	24.2	279.4	18.41	0.00
14	16	8	75	10.1	319.4	19.11	0.00
15	16	8	75	16.1	292.9	18.20	0.00
16	16	8	75	6.1	252.5	20.17	0.00
17	16	8	75	10.1	191.1	20.74	0.00
18	16	8	75	6.1	210.1	19.10	0.00
19	16	8	75	7.2	270.1	16.63	0.00
20	16	8	75	8.0	247.3	16.79	0.00
21	16	8	75	12.8	215.5	17.18	0.00
22	16	8	75	9.9	231.3	17.11	0.00
23	16	8	75	11.0	250.6	15.54	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	17	8	75	10.5	250.8	15.11	0.00
1	17	8	75	8.5	245.3	15.28	0.00
2	17	8	75	6.7	276.5	14.03	0.00
3	17	8	75	2.8	233.8	14.06	0.00
4	17	8	75	15.3	237.0	13.98	0.00
5	17	8	75	9.5	237.9	13.83	0.00
6	17	8	75	11.0	233.1	14.04	0.00
7	17	8	75	11.7	228.9	16.46	0.00
8	17	8	75	12.2	213.3	17.86	0.00
9	17	8	75	11.7	225.6	18.71	0.00
10	17	8	75	7.6	213.8	19.88	0.00
11	17	8	75	11.6	242.8	20.69	0.00
12	17	8	75	12.6	234.2	21.34	0.00
13	17	8	75	12.7	194.4	21.68	0.00
14	17	8	75	11.2	242.0	21.95	0.00
15	17	8	75	12.0	206.0	22.42	0.00
16	17	8	75	14.3	202.6	22.82	0.00
17	17	8	75	12.4	203.9	22.80	0.00
18	17	8	75	10.6	221.6	22.32	0.00
19	17	8	75	10.3	224.6	21.10	0.00
20	17	8	75	9.8	206.5	20.43	0.00
21	17	8	75	10.9	212.1	20.30	0.00
22	17	8	75	11.5	214.0	19.85	0.00
23	17	8	75	12.1	219.3	19.92	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	18	8	75	12.7	213.6	18.61	0.00
1	18	8	75	13.8	225.8	18.94	0.00
2	18	8	75	14.3	221.0	17.85	0.00
3	18	8	75	14.9	212.1	17.16	0.00
4	18	8	75	14.4	213.5	16.72	0.00
5	18	8	75	18.5	212.0	16.50	0.00
6	18	8	75	17.6	216.9	16.53	0.00
7	18	8	75	15.5	208.8	17.78	0.00
8	18	8	75	15.7	200.2	19.23	0.00
9	18	8	75	14.1	197.1	20.23	0.00
10	18	8	75	17.3	184.6	20.77	0.00
11	18	8	75	17.9	180.2	21.74	0.00
12	18	8	75	17.1	230.4	21.90	0.00
13	18	8	75	17.1	218.9	22.57	0.00
14	18	8	75	17.5	194.8	23.23	0.00
15	18	8	75	19.8	187.6	23.26	0.00
16	18	8	75	13.8	192.1	23.31	0.00
17	18	8	75	15.6	212.8	23.43	0.00
18	18	8	75	13.2	213.2	22.82	0.00
19	18	8	75	12.7	223.3	20.99	0.00
20	18	8	75	11.8	220.1	20.42	0.00
21	18	8	75	12.6	214.8	19.30	0.00
22	18	8	75	13.7	210.6	18.61	0.00
23	18	8	75	13.9	223.4	17.99	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	19	8	75	13.9	230.2	17.97	0.00
1	19	8	75	12.4	209.4	17.54	0.00
2	19	8	75	12.0	206.1	17.94	0.00
3	19	8	75	11.4	194.2	16.58	0.00
4	19	8	75	14.4	220.7	16.34	0.00
5	19	8	75	15.2	218.7	16.05	0.00
6	19	8	75	13.6	220.8	15.42	0.00
7	19	8	75	10.5	196.6	16.03	0.00
8	19	8	75	12.6	211.9	17.35	0.00
9	19	8	75	17.6	223.9	18.34	0.00
10	19	8	75	18.8	226.1	19.38	0.00
11	19	8	75	16.9	242.7	19.76	0.00
12	19	8	75	15.9	216.0	20.62	0.00
13	19	8	75	19.1	223.9	21.43	0.00
14	19	8	75	20.7	228.9	21.71	0.00
15	19	8	75	18.7	209.4	21.42	0.00
16	19	8	75	17.2	208.0	21.36	0.00
17	19	8	75	12.8	224.9	20.35	0.00
18	19	8	75	10.6	190.3	20.03	0.00
19	19	8	75	6.1	186.1	16.53	0.00
20	19	8	75	9.8	214.2	17.85	0.00
21	19	8	75	7.3	198.3	17.05	0.00
22	19	8	75	5.2	206.1	16.70	0.00
23	19	8	75	8.1	251.4	15.40	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
++	++	++	++				
0	20	8	75	5.4	283.2	14.85	0.00
1	20	8	75	8.3	256.1	14.61	0.00
2	20	8	75	2.9	186.4	14.17	0.00
3	20	8	75	3.7	343.7	14.57	0.00
4	20	8	75	3.2	293.0	13.57	0.00
5	20	8	75	3.2	268.6	13.41	0.00
6	20	8	75	3.4	260.3	13.57	0.00
7	20	8	75	4.0	250.8	14.53	0.00
8	20	8	75	4.5	169.0	15.99	0.00
9	20	8	75	2.9	244.1	17.19	0.00
10	20	8	75	3.6	274.7	18.95	0.00
11	20	8	75	9.4	258.7	18.77	0.00
12	20	8	75	10.8	250.1	19.14	0.00
13	20	8	75	8.6	249.1	18.08	0.00
14	20	8	75	12.3	207.1	19.59	0.00
15	20	8	75	4.4	252.2	19.03	0.00
16	20	8	75	4.5	197.8	19.54	0.00
17	20	8	75	8.7	280.1	19.25	0.00
18	20	8	75	4.6	283.4	16.58	0.00
19	20	8	75	11.0	264.5	17.26	0.00
20	20	8	75	16.1	270.6	14.96	0.00
21	20	8	75	17.6	266.8	13.84	0.00
22	20	8	75	13.6	259.4	12.57	0.00
23	20	8	75	10.9	259.1	11.91	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	21	8	75	5.2	266.2	11.05	0.00
1	21	8	75	5.4	246.8	11.44	0.00
2	21	8	75	4.1	261.5	11.59	0.00
3	21	8	75	3.9	149.5	11.19	0.00
4	21	8	75	2.3	144.8	11.34	0.00
5	21	8	75	2.6	212.4	11.29	0.00
6	21	8	75	3.2	169.5	11.43	0.00
7	21	8	75	2.7	202.6	11.60	0.00
8	21	8	75	1.6	174.9	13.29	0.00
9	21	8	75	4.8	144.8	15.13	0.00
10	21	8	75	6.8	213.4	16.27	0.00
11	21	8	75	14.4	216.3	17.76	0.00
12	21	8	75	14.3	198.1	18.21	0.00
13	21	8	75	15.4	229.8	17.86	0.00
14	21	8	75	15.1	221.6	16.11	0.00
15	21	8	75	10.5	185.8	15.67	0.00
16	21	8	75	10.9	200.5	16.67	0.00
17	21	8	75	10.1	221.8	17.59	0.00
18	21	8	75	13.6	218.3	17.06	0.00
19	21	8	75	11.4	220.7	15.45	0.00
20	21	8	75	3.9	114.3	13.49	0.00
21	21	8	75	12.1	271.4	13.11	0.00
22	21	8	75	11.1	276.8	12.27	0.00
23	21	8	75	4.9	148.5	11.67	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	22	8	75	3.1	213.8	11.69	0.00
1	22	8	75	4.1	277.8	11.44	0.00
2	22	8	75	3.6	175.5	12.37	0.00
3	22	8	75	1.9	216.7	11.64	0.00
4	22	8	75	6.1	247.7	12.41	0.00
5	22	8	75	3.3	184.8	11.95	0.00
6	22	8	75	6.3	235.3	11.42	0.00
7	22	8	75	4.7	248.4	12.03	0.00
8	22	8	75	6.9	180.4	13.57	0.00
9	22	8	75	6.9	180.4	13.57	0.00
10	22	8	75	6.9	180.4	13.57	0.00
11	22	8	75	6.9	180.4	13.57	0.00
12	22	8	75	6.9	180.4	13.57	0.00
13	22	8	75	6.9	180.4	13.57	0.00
14	22	8	75	6.9	180.4	13.57	0.00
15	22	8	75	6.9	180.4	13.57	0.00
16	22	8	75	6.9	180.4	13.57	0.00
17	22	8	75	6.9	180.4	13.57	0.00
18	22	8	75	6.9	180.4	13.57	0.00
19	22	8	75	6.9	180.4	13.57	0.00
20	22	8	75	6.9	180.4	13.57	0.00
21	22	8	75	6.9	180.4	13.57	0.00
22	22	8	75	6.9	180.4	13.57	0.00
23	22	8	75	6.9	180.4	13.57	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	23	8	75	6.9	180.4	13.57	0.00
1	23	8	75	6.9	180.4	13.57	0.00
2	23	8	75	6.9	180.4	13.57	0.00
3	23	8	75	6.9	180.4	13.57	0.00
4	23	8	75	6.9	180.4	13.57	0.00
5	23	8	75	6.9	180.4	13.57	0.00
6	23	8	75	6.9	180.4	13.57	0.00
7	23	8	75	6.9	180.4	13.57	0.00
8	23	8	75	6.9	180.4	13.57	0.00
9	23	8	75	6.9	180.4	13.57	0.00
10	23	8	75	6.9	180.4	13.57	0.00
11	23	8	75	6.9	180.4	13.57	0.00
12	23	8	75	6.9	180.4	13.57	0.00
13	23	8	75	6.9	180.4	13.57	0.00
14	23	8	75	6.9	180.4	13.57	0.00
15	23	8	75	18.0	211.6	20.18	0.00
16	23	8	75	1.7	355.3	22.23	0.00
17	23	8	75	3.2	342.3	999.00	0.00
18	23	8	75	15.4	199.1	999.00	0.00
19	23	8	75	13.4	199.8	999.00	0.00
20	23	8	75	10.2	194.1	999.00	0.00
21	23	8	75	12.3	182.8	999.00	0.00
22	23	8	75	14.7	190.5	999.00	0.00
23	23	8	75	14.4	200.9	999.00	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	24	8	75	14.0	206.2	999.00	0.00
1	24	8	75	13.1	195.7	999.00	0.00
2	24	8	75	13.4	199.3	999.00	0.00
3	24	8	75	14.1	205.1	999.00	0.00
4	24	8	75	13.8	212.7	999.00	0.00
5	24	8	75	10.1	208.2	999.00	0.00
6	24	8	75	11.3	207.0	999.00	0.00
7	24	8	75	13.6	206.0	999.00	0.00
8	24	8	75	14.0	213.2	999.00	0.00
9	24	8	75	19.4	260.5	999.00	0.00
10	24	8	75	17.5	272.3	999.00	0.00
11	24	8	75	19.5	297.1	999.00	0.00
12	24	8	75	21.0	283.5	999.00	0.00
13	24	8	75	25.4	290.4	999.00	0.00
14	24	8	75	24.2	296.3	999.00	0.00
15	24	8	75	23.7	295.2	999.00	0.00
16	24	8	75	28.5	299.6	999.00	0.00
17	24	8	75	21.9	296.4	999.00	0.00
18	24	8	75	19.6	296.7	999.00	0.00
19	24	8	75	20.5	301.9	999.00	0.00
20	24	8	75	8.1	310.4	999.00	0.00
21	24	8	75	10.9	314.4	999.00	0.00
22	24	8	75	5.7	23.4	999.00	0.00
23	24	8	75	6.0	300.2	999.00	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	25	8	75	5.4	301.3	999.00	0.00
1	25	8	75	5.5	295.0	999.00	0.00
2	25	8	75	5.6	288.1	999.00	0.00
3	25	8	75	5.4	253.9	999.00	0.00
4	25	8	75	4.2	211.4	999.00	0.00
5	25	8	75	3.9	277.7	999.00	0.00
6	25	8	75	4.1	277.4	999.00	0.00
7	25	8	75	3.3	243.1	999.00	0.00
8	25	8	75	6.9	266.2	999.00	0.00
9	25	8	75	10.6	253.5	999.00	0.00
10	25	8	75	10.7	269.3	999.00	0.00
11	25	8	75	15.2	275.9	999.00	0.00
12	25	8	75	10.3	263.2	999.00	0.00
13	25	8	75	12.8	297.1	999.00	0.00
14	25	8	75	8.8	290.3	999.00	0.00
15	25	8	75	8.2	299.7	999.00	0.00
16	25	8	75	12.9	285.8	999.00	0.00
17	25	8	75	9.7	276.7	999.00	0.00
18	25	8	75	9.3	295.8	999.00	0.00
19	25	8	75	5.6	299.6	999.00	0.00
20	25	8	75	9.1	271.1	999.00	0.00
21	25	8	75	8.2	269.8	999.00	0.00
22	25	8	75	11.1	253.9	999.00	0.00
23	25	8	75	9.8	257.1	999.00	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	26	8	75	8.9	252.9	999.00	0.00
1	26	8	75	7.8	254.1	999.00	0.00
2	26	8	75	4.6	277.2	999.00	0.00
3	26	8	75	4.2	301.1	999.00	0.00
4	26	8	75	3.8	181.2	999.00	0.00
5	26	8	75	3.7	293.8	999.00	0.00
6	26	8	75	3.8	292.4	999.00	0.00
7	26	8	75	3.0	132.9	999.00	0.00
8	26	8	75	4.5	94.3	999.00	0.00
9	26	8	75	7.3	123.8	999.00	0.00
10	26	8	75	9.8	263.7	999.00	0.00
11	26	8	75	7.7	256.9	999.00	0.00
12	26	8	75	12.3	185.3	999.00	0.00
13	26	8	75	13.2	219.4	999.00	0.00
14	26	8	75	10.8	219.4	999.00	0.00
15	26	8	75	11.8	253.6	999.00	0.00
16	26	8	75	12.0	216.1	999.00	0.00
17	26	8	75	10.0	213.5	999.00	0.00
18	26	8	75	9.2	222.4	999.00	0.00
19	26	8	75	12.2	229.2	999.00	0.00
20	26	8	75	10.0	250.8	999.00	0.00
21	26	8	75	9.1	248.1	999.00	0.00
22	26	8	75	12.1	184.3	999.00	0.00
23	26	8	75	10.7	207.9	999.00	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
++	++	++	++				
0	27	8	75	6.0	89.9	999.00	0.00
1	27	8	75	2.9	171.3	999.00	0.00
2	27	8	75	2.7	200.7	999.00	0.00
3	27	8	75	2.6	8.1	999.00	0.00
4	27	8	75	4.4	293.4	999.00	0.00
5	27	8	75	1.4	132.3	999.00	0.00
6	27	8	75	5.1	75.0	999.00	0.00
7	27	8	75	2.1	4.6	999.00	0.00
8	27	8	75	3.2	94.9	999.00	0.00
9	27	8	75	11.3	167.1	999.00	0.00
10	27	8	75	16.0	227.2	999.00	0.00
11	27	8	75	21.2	230.5	999.00	0.00
12	27	8	75	18.1	234.0	999.00	0.00
13	27	8	75	17.3	249.5	999.00	0.00
14	27	8	75	19.9	178.7	999.00	0.00
15	27	8	75	16.5	153.7	999.00	0.00
16	27	8	75	17.1	154.8	999.00	0.00
17	27	8	75	25.9	137.4	8.20	0.00
18	27	8	75	15.2	255.8	16.29	0.00
19	27	8	75	10.4	278.2	13.96	0.00
20	27	8	75	7.9	208.8	13.42	0.00
21	27	8	75	11.6	132.2	12.46	0.00
22	27	8	75	2.7	268.0	11.93	0.00
23	27	8	75	2.8	281.5	10.76	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	28	8	75	6.3	302.2	11.41	0.00
1	28	8	75	7.0	169.0	11.80	0.00
2	28	8	75	6.4	130.1	11.56	0.00
3	28	8	75	3.3	185.7	13.02	0.00
4	28	8	75	6.9	20.0	10.12	0.00
5	28	8	75	5.1	295.5	9.58	0.00
6	28	8	75	2.8	99.8	11.23	0.00
7	28	8	75	12.0	203.3	14.95	0.00
8	28	8	75	14.7	196.5	16.43	0.00
9	28	8	75	999.0	999.0	999.00	0.00
10	28	8	75	999.0	999.0	999.00	0.00
11	28	8	75	999.0	999.0	999.00	0.00
12	28	8	75	999.0	999.0	999.00	0.00
13	28	8	75	999.0	999.0	999.00	0.00
14	28	8	75	999.0	999.0	999.00	999.00
15	28	8	75	16.4	211.2	21.08	0.00
16	28	8	75	14.4	213.9	21.91	0.00
17	28	8	75	16.9	234.1	22.19	0.00
18	28	8	75	15.2	229.6	21.25	0.00
19	28	8	75	12.2	225.2	19.49	0.00
20	28	8	75	12.6	220.3	18.60	0.00
21	28	8	75	14.2	224.6	18.25	0.00
22	28	8	75	13.6	220.5	18.12	0.00
23	28	8	75	14.1	225.4	18.24	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	29	8	75	10.5	267.8	15.04	0.00
1	29	8	75	8.7	262.4	15.04	0.00
2	29	8	75	2.3	207.7	13.66	0.00
3	29	8	75	4.7	28.8	14.21	0.00
4	29	8	75	3.5	299.9	12.10	0.00
5	29	8	75	3.0	290.6	12.19	0.00
6	29	8	75	3.7	276.7	12.95	0.00
7	29	8	75	1.2	340.4	14.54	0.00
8	29	8	75	4.6	129.2	16.93	0.00
9	29	8	75	10.2	252.7	16.61	0.00
10	29	8	75	13.1	257.8	19.48	0.00
11	29	8	75	12.4	240.9	20.91	0.00
12	29	8	75	14.5	231.3	20.92	0.00
13	29	8	75	12.6	200.1	21.54	0.00
14	29	8	75	11.3	199.5	22.05	0.00
15	29	8	75	8.7	199.5	23.01	0.00
16	29	8	75	9.7	250.8	23.16	0.00
17	29	8	75	9.5	199.9	22.55	0.00
18	29	8	75	10.3	191.7	21.66	0.00
19	29	8	75	11.4	223.0	20.01	0.00
20	29	8	75	12.4	226.9	19.95	0.00
21	29	8	75	7.0	263.1	17.09	0.00
22	29	8	75	8.4	263.2	18.06	0.00
23	29	8	75	10.2	253.4	16.93	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	30	8	75	10.8	257.0	16.72	0.00
1	30	8	75	4.8	272.0	15.63	0.00
2	30	8	75	3.9	23.2	15.30	0.00
3	30	8	75	4.0	278.0	15.00	0.00
4	30	8	75	2.6	265.8	12.77	0.00
5	30	8	75	4.2	273.4	13.91	0.00
6	30	8	75	4.6	267.5	15.00	0.00
7	30	8	75	3.1	266.5	15.81	0.00
8	30	8	75	4.3	94.1	17.98	0.00
9	30	8	75	4.9	112.6	19.19	0.00
10	30	8	75	6.3	295.7	21.52	0.00
11	30	8	75	8.3	248.4	22.44	0.00
12	30	8	75	10.9	200.1	22.65	0.00
13	30	8	75	10.3	240.5	22.38	0.00
14	30	8	75	12.2	244.6	23.26	0.00
15	30	8	75	15.2	211.4	23.32	0.00
16	30	8	75	15.2	195.6	23.27	0.00
17	30	8	75	12.7	213.4	23.39	0.00
18	30	8	75	9.5	212.0	22.50	0.00
19	30	8	75	8.5	211.3	20.68	0.00
20	30	8	75	9.4	222.2	21.22	0.00
21	30	8	75	8.4	206.0	20.84	0.00
22	30	8	75	9.7	214.4	20.31	0.00
23	30	8	75	9.4	226.8	20.25	0.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	31	8	75	13.7	229.2	19.74	0.00
1	31	8	75	15.1	226.7	19.10	0.00
2	31	8	75	12.8	211.4	17.97	0.00
3	31	8	75	14.7	218.5	18.65	0.00
4	31	8	75	13.7	203.6	17.63	0.00
5	31	8	75	11.2	210.4	17.71	0.00
6	31	8	75	7.7	190.3	16.41	0.00
7	31	8	75	8.8	196.5	18.66	0.00
8	31	8	75	12.6	217.7	20.46	0.00
9	31	8	75	12.3	234.6	21.47	0.00
10	31	8	75	15.7	234.9	22.46	0.00
11	31	8	75	20.0	228.1	22.91	0.00
12	31	8	75	22.8	214.1	23.23	0.00
13	31	8	75	20.6	222.0	23.65	0.00
14	31	8	75	20.1	226.3	24.00	0.00
15	31	8	75	15.4	229.8	24.33	0.00
16	31	8	75	16.6	220.1	24.51	0.00
17	31	8	75	12.2	214.9	24.54	0.00
18	31	8	75	10.8	214.7	23.68	0.00
19	31	8	75	12.0	230.3	22.00	0.00
20	31	8	75	10.9	215.7	21.84	0.00
21	31	8	75	11.6	216.7	20.76	0.00
22	31	8	75	8.9	199.9	20.22	0.00
23	31	8	75	13.2	230.2	19.87	0.00

B.1.3

METEOROLOGICAL DATA FOR SITE 3
1 JUNE 1975 THROUGH 31 AUGUST 1975

WS10	Wind Speed at the 10-m level (mph)
WDR10	Wind direction at the 10-m level (degrees)
AT10	Air Temperature at the 10-m level (degrees Celsius)
PREC	Precipitation at ground level (inches of H_2O)

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	1	6	75	7.5	278.9	5.29	0.00
1	1	6	75	8.1	280.1	5.22	0.00
2	1	6	75	7.2	266.6	5.51	0.00
3	1	6	75	4.5	281.3	2.60	0.00
4	1	6	75	5.6	267.2	2.49	0.00
5	1	6	75	3.8	272.3	1.13	0.00
6	1	6	75	5.2	279.8	4.14	0.00
7	1	6	75	5.6	36.6	8.23	0.00
8	1	6	75	5.1	98.4	10.00	0.00
9	1	6	75	3.8	56.1	11.73	0.00
10	1	6	75	3.4	3.2	14.03	0.00
11	1	6	75	4.7	171.3	15.38	0.00
12	1	6	75	6.4	60.1	15.95	0.00
13	1	6	75	4.8	132.8	17.15	0.00
14	1	6	75	6.4	112.6	17.62	0.00
15	1	6	75	6.1	55.4	18.36	0.00
16	1	6	75	8.7	81.8	18.05	0.00
17	1	6	75	3.5	103.4	18.89	0.00
18	1	6	75	6.3	271.0	18.63	0.00
19	1	6	75	2.5	278.9	17.28	0.00
20	1	6	75	7.6	273.6	11.19	0.00
21	1	6	75	7.6	278.4	8.90	0.00
22	1	6	75	7.4	282.3	7.82	0.00
23	1	6	75	6.7	277.2	7.39	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	2	6	75	6.7	269.4	6.16	0.00
1	2	6	75	4.2	265.0	4.91	0.00
2	2	6	75	4.7	269.2	4.10	0.00
3	2	6	75	6.3	271.7	3.88	0.00
4	2	6	75	4.4	257.3	3.34	0.00
5	2	6	75	6.1	263.0	3.93	0.00
6	2	6	75	4.8	273.1	5.72	0.00
7	2	6	75	5.3	85.3	10.43	0.00
8	2	6	75	5.6	70.1	13.58	0.00
9	2	6	75	4.5	89.8	17.25	0.00
10	2	6	75	4.6	293.7	20.44	0.00
11	2	6	75	12.8	269.1	19.98	0.00
12	2	6	75	9.0	269.1	21.06	0.00
13	2	6	75	11.7	232.1	21.77	0.00
14	2	6	75	8.5	301.7	20.49	0.00
15	2	6	75	8.7	254.9	22.35	0.00
16	2	6	75	16.9	288.5	19.92	0.00
17	2	6	75	9.3	299.8	20.54	0.00
18	2	6	75	9.4	66.0	18.83	0.00
19	2	6	75	5.1	279.1	12.41	0.00
20	2	6	75	5.2	287.4	11.37	0.00
21	2	6	75	6.1	285.2	10.07	0.00
22	2	6	75	5.8	282.9	8.81	0.00
23	2	6	75	4.6	266.2	8.14	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	3	6	75	3.3	265.8	8.22	0.00
1	3	6	75	5.6	260.6	7.10	0.00
2	3	6	75	7.4	268.8	6.02	0.00
3	3	6	75	6.8	278.6	6.37	0.00
4	3	6	75	3.7	246.9	5.14	0.00
5	3	6	75	4.1	270.3	4.14	0.00
6	3	6	75	4.1	284.1	6.38	0.00
7	3	6	75	3.2	90.2	11.69	0.00
8	3	6	75	5.2	69.7	13.15	0.00
9	3	6	75	11.3	230.0	18.69	0.00
10	3	6	75	12.8	227.0	19.38	0.00
11	3	6	75	15.1	233.8	20.29	0.00
12	3	6	75	20.8	232.8	20.73	0.00
13	3	6	75	17.5	231.2	21.55	0.00
14	3	6	75	15.9	226.9	21.16	0.00
15	3	6	75	17.8	240.5	21.44	0.00
16	3	6	75	15.6	259.8	20.47	0.00
17	3	6	75	19.9	295.1	17.24	0.00
18	3	6	75	10.2	43.8	13.67	0.00
19	3	6	75	10.2	57.3	11.28	0.00
20	3	6	75	3.3	17.3	10.12	0.00
21	3	6	75	6.7	226.1	8.14	0.04
22	3	6	75	3.2	307.2	7.69	0.01
23	3	6	75	3.3	308.8	7.15	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	4	6	75	3.6	234.5	7.19	0.00
1	4	6	75	4.1	5.7	7.06	0.01
2	4	6	75	2.8	292.6	6.96	0.00
3	4	6	75	5.2	270.8	5.11	0.00
4	4	6	75	3.9	285.5	4.91	0.00
5	4	6	75	4.1	269.8	4.75	0.00
6	4	6	75	3.7	294.6	5.58	0.00
7	4	6	75	1.7	310.4	8.77	0.00
8	4	6	75	5.1	14.6	10.46	0.00
9	4	6	75	3.4	223.1	10.11	0.00
10	4	6	75	3.9	318.7	11.65	0.00
11	4	6	75	4.2	117.9	13.32	0.00
12	4	6	75	2.8	248.1	14.51	0.00
13	4	6	75	5.2	23.9	15.13	0.00
14	4	6	75	4.9	270.1	16.61	0.00
15	4	6	75	8.1	301.3	16.91	0.00
16	4	6	75	8.9	278.1	17.02	0.00
17	4	6	75	9.8	283.9	16.52	0.00
18	4	6	75	4.7	269.7	16.82	0.00
19	4	6	75	1.9	309.0	16.70	0.00
20	4	6	75	6.3	284.0	10.55	0.00
21	4	6	75	7.8	280.6	8.19	0.00
22	4	6	75	8.1	283.0	6.89	0.00
23	4	6	75	7.6	284.0	6.70	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	5	6	75	5.9	277.3	5.21	0.00
1	5	6	75	7.2	274.1	4.83	0.00
2	5	6	75	7.2	281.8	4.83	0.00
3	5	6	75	7.0	284.9	4.07	0.00
4	5	6	75	7.9	282.0	3.95	0.00
5	5	6	75	7.4	277.0	3.81	0.00
6	5	6	75	4.8	280.6	5.96	0.00
7	5	6	75	3.1	81.0	11.10	0.00
8	5	6	75	5.1	69.7	13.18	0.00
9	5	6	75	4.3	64.6	14.83	0.00
10	5	6	75	4.1	91.4	16.30	0.00
11	5	6	75	4.7	216.7	18.09	0.00
12	5	6	75	7.2	41.6	19.54	0.00
13	5	6	75	8.9	322.9	20.87	0.00
14	5	6	75	7.4	340.3	21.01	0.00
15	5	6	75	6.2	330.1	21.87	0.00
16	5	6	75	6.0	314.9	21.99	0.00
17	5	6	75	6.1	351.6	21.86	0.00
18	5	6	75	6.4	330.6	22.04	0.00
19	5	6	75	6.7	315.9	21.57	0.00
20	5	6	75	5.8	298.6	15.31	0.00
21	5	6	75	8.1	290.2	11.72	0.00
22	5	6	75	8.0	275.1	10.12	0.00
23	5	6	75	8.6	279.3	8.97	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	6	6	75	6.4	276.2	7.90	0.00
1	6	6	75	6.3	276.9	7.32	0.00
2	6	6	75	6.7	278.2	6.17	0.00
3	6	6	75	3.7	249.2	6.63	0.00
4	6	6	75	2.6	271.1	4.87	0.00
5	6	6	75	6.8	266.6	6.17	0.00
6	6	6	75	6.4	292.6	9.60	0.00
7	6	6	75	2.3	274.2	11.75	0.00
8	6	6	75	5.6	84.6	15.22	0.00
9	6	6	75	4.5	49.5	18.78	0.00
10	6	6	75	6.9	80.1	20.73	0.00
11	6	6	75	7.3	81.2	21.34	0.00
12	6	6	75	5.1	999.0	21.92	0.00
13	6	6	75	10.9	277.2	23.11	0.00
14	6	6	75	13.2	268.9	23.38	0.00
15	6	6	75	13.2	268.9	23.53	0.00
16	6	6	75	8.1	277.2	23.97	0.00
17	6	6	75	7.5	287.3	23.79	0.00
18	6	6	75	9.0	272.3	23.51	0.00
19	6	6	75	3.2	279.4	22.64	0.00
20	6	6	75	6.9	276.9	16.26	0.00
21	6	6	75	8.2	291.0	12.94	0.00
22	6	6	75	8.3	278.6	11.37	0.00
23	6	6	75	7.9	282.1	12.05	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	7	6	75	6.5	277.3	12.67	0.00
1	7	6	75	6.9	270.9	13.22	0.00
2	7	6	75	11.5	303.8	19.52	0.00
3	7	6	75	3.7	267.1	15.64	0.00
4	7	6	75	7.3	249.3	14.47	0.00
5	7	6	75	4.9	278.1	12.30	0.00
6	7	6	75	4.7	274.0	11.36	0.00
7	7	6	75	3.5	144.4	13.74	0.00
8	7	6	75	7.2	270.0	18.54	0.00
9	7	6	75	7.3	302.8	18.58	0.00
10	7	6	75	6.9	312.9	18.84	0.00
11	7	6	75	8.5	303.5	18.99	0.00
12	7	6	75	8.1	290.2	16.95	0.00
13	7	6	75	3.9	130.5	15.54	0.00
14	7	6	75	14.0	271.5	18.67	0.00
15	7	6	75	8.6	262.8	17.11	0.00
16	7	6	75	7.6	300.7	18.70	0.00
17	7	6	75	8.8	70.0	14.06	0.00
18	7	6	75	4.4	68.0	9.14	0.00
19	7	6	75	5.8	326.8	8.77	0.00
20	7	6	75	2.6	121.7	8.37	0.00
21	7	6	75	1.0	85.1	8.29	0.01
22	7	6	75	4.1	236.7	8.59	0.00
23	7	6	75	2.2	285.3	7.94	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	8	6	75	1.5	118.2	8.04	0.00
1	8	6	75	1.7	90.3	8.27	0.00
2	8	6	75	2.6	255.2	8.31	0.00
3	8	6	75	3.4	257.6	8.11	0.00
4	8	6	75	1.9	240.6	8.23	0.00
5	8	6	75	7.1	239.9	8.48	0.00
6	8	6	75	2.4	84.2	8.31	0.00
7	8	6	75	4.5	25.2	9.64	0.00
8	8	6	75	4.0	316.5	11.22	0.00
9	8	6	75	6.0	88.8	12.72	0.00
10	8	6	75	6.4	46.0	13.25	0.00
11	8	6	75	5.4	281.1	13.65	0.00
12	8	6	75	7.2	225.1	13.00	0.00
13	8	6	75	9.1	263.6	13.82	0.00
14	8	6	75	9.8	272.1	13.84	0.00
15	8	6	75	12.1	305.9	12.77	0.00
16	8	6	75	6.4	99.4	12.13	0.00
17	8	6	75	7.4	84.8	12.31	0.00
18	8	6	75	12.8	85.6	11.21	0.00
19	8	6	75	7.0	1.7	8.23	0.00
20	8	6	75	5.0	272.4	7.36	0.00
21	8	6	75	1.4	235.2	6.18	0.00
22	8	6	75	3.9	276.8	5.14	0.00
23	8	6	75	5.5	278.9	4.57	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	9	6	75	6.0	289.0	4.35	0.00
1	9	6	75	3.1	258.3	3.37	0.00
2	9	6	75	6.8	257.7	2.09	0.00
3	9	6	75	7.5	277.7	1.05	0.00
4	9	6	75	7.3	283.1	0.59	0.00
5	9	6	75	3.2	280.4	0.60	0.00
6	9	6	75	5.0	291.4	0.77	0.00
7	9	6	75	3.7	42.6	4.51	0.00
8	9	6	75	6.6	63.2	5.48	0.00
9	9	6	75	5.7	91.7	6.33	0.00
10	9	6	75	6.2	97.7	8.02	0.00
11	9	6	75	6.1	53.9	9.81	0.00
12	9	6	75	6.4	89.3	10.15	0.00
13	9	6	75	7.6	70.7	10.77	0.00
14	9	6	75	6.6	18.5	11.56	0.00
15	9	6	75	5.6	19.4	10.71	0.00
16	9	6	75	6.5	272.4	8.37	0.00
17	9	6	75	12.4	232.9	6.07	0.00
18	9	6	75	6.6	255.2	5.74	0.00
19	9	6	75	2.4	83.2	6.58	0.00
20	9	6	75	3.4	201.9	5.57	0.00
21	9	6	75	5.0	267.4	3.33	0.00
22	9	6	75	8.1	258.8	3.31	0.00
23	9	6	75	2.2	281.2	3.64	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	10	6	75	3.8	249.0	4.03	0.00
1	10	6	75	2.8	286.0	4.66	0.00
2	10	6	75	1.0	358.7	2.40	0.00
3	10	6	75	3.6	271.3	2.20	0.00
4	10	6	75	3.9	272.1	1.23	0.00
5	10	6	75	1.8	312.3	0.78	0.00
6	10	6	75	1.6	286.0	2.36	0.00
7	10	6	75	4.7	9.8	4.27	0.00
8	10	6	75	6.9	27.4	5.26	0.00
9	10	6	75	7.8	0.4	5.75	0.00
10	10	6	75	7.0	26.7	6.10	0.00
11	10	6	75	8.2	23.4	7.29	0.00
12	10	6	75	9.8	9.3	7.79	0.00
13	10	6	75	12.5	38.8	8.64	0.00
14	10	6	75	13.8	75.8	6.85	0.00
15	10	6	75	5.7	59.6	8.02	0.00
16	10	6	75	8.0	64.6	8.53	0.00
17	10	6	75	11.7	82.1	8.75	0.00
18	10	6	75	7.1	57.9	9.23	0.00
19	10	6	75	5.1	78.1	9.38	0.00
20	10	6	75	3.6	276.2	5.57	0.00
21	10	6	75	7.4	280.5	3.10	0.00
22	10	6	75	7.6	285.9	2.13	0.00
23	10	6	75	8.8	284.9	2.08	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	11	6	75	7.0	286.4	1.76	0.00
1	11	6	75	5.5	273.6	1.04	0.00
2	11	6	75	3.2	256.8	-0.52	0.00
3	11	6	75	4.8	268.6	-1.32	0.00
4	11	6	75	6.7	281.1	-0.93	0.00
5	11	6	75	6.2	276.3	-1.03	0.00
6	11	6	75	2.7	295.0	1.53	0.00
7	11	6	75	5.2	89.3	4.58	0.00
8	11	6	75	6.8	54.2	7.70	0.00
9	11	6	75	7.4	62.7	9.83	0.00
10	11	6	75	2.4	90.4	11.07	0.00
11	11	6	75	6.1	256.9	12.81	0.00
12	11	6	75	7.7	245.9	13.48	0.00
13	11	6	75	6.6	229.8	14.31	0.00
14	11	6	75	10.0	284.7	15.27	0.00
15	11	6	75	8.1	274.8	16.54	0.00
16	11	6	75	9.6	270.9	16.86	0.00
17	11	6	75	11.5	249.6	17.20	0.00
18	11	6	75	10.8	249.3	16.91	0.00
19	11	6	75	6.7	255.5	15.56	0.00
20	11	6	75	5.0	278.9	10.05	0.00
21	11	6	75	5.9	285.3	7.39	0.00
22	11	6	75	6.6	300.9	6.47	0.00
23	11	6	75	4.9	278.2	4.54	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	12	6	75	6.9	278.6	4.68	0.00
1	12	6	75	5.9	272.8	3.00	0.00
2	12	6	75	5.6	265.9	1.21	0.00
3	12	6	75	5.4	276.6	0.91	0.00
4	12	6	75	4.6	266.0	0.44	0.00
5	12	6	75	6.5	277.1	1.19	0.00
6	12	6	75	3.3	268.4	5.05	0.00
7	12	6	75	4.0	94.8	9.20	0.00
8	12	6	75	4.3	78.5	13.14	0.00
9	12	6	75	3.9	44.5	16.16	0.00
10	12	6	75	4.6	251.2	19.05	0.00
11	12	6	75	9.3	278.3	19.79	0.00
12	12	6	75	9.9	283.5	20.16	0.00
13	12	6	75	10.7	286.3	20.57	0.00
14	12	6	75	15.2	238.7	20.13	0.00
15	12	6	75	8.1	230.2	20.23	0.00
16	12	6	75	12.5	241.2	19.55	0.00
17	12	6	75	13.3	235.4	19.78	0.00
18	12	6	75	11.3	233.7	19.85	0.00
19	12	6	75	4.1	247.9	17.25	0.00
20	12	6	75	5.0	277.1	12.08	0.00
21	12	6	75	6.7	287.9	10.48	0.00
22	12	6	75	8.2	256.0	10.74	0.00
23	12	6	75	6.2	271.4	8.83	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	13	6	75	6.8	285.1	8.97	0.00
1	13	6	75	4.1	277.6	7.58	0.00
2	13	6	75	2.8	250.3	7.07	0.00
3	13	6	75	2.5	262.2	5.33	0.00
4	13	6	75	4.9	289.4	7.71	0.00
5	13	6	75	3.4	283.2	7.01	0.00
6	13	6	75	1.4	36.0	9.26	0.00
7	13	6	75	5.5	79.2	13.24	0.00
8	13	6	75	8.2	86.3	15.25	0.00
9	13	6	75	6.2	69.8	18.37	0.00
10	13	6	75	13.9	276.4	20.69	0.00
11	13	6	75	13.4	259.2	22.01	0.00
12	13	6	75	15.7	272.3	22.56	0.00
13	13	6	75	15.8	285.3	23.12	0.00
14	13	6	75	14.8	276.0	23.86	0.00
15	13	6	75	15.4	260.9	24.20	0.00
16	13	6	75	15.9	265.6	24.16	0.00
17	13	6	75	13.9	275.8	23.84	0.00
18	13	6	75	16.3	287.2	22.84	0.00
19	13	6	75	7.9	279.5	20.84	0.00
20	13	6	75	6.1	265.5	18.99	0.00
21	13	6	75	6.2	290.4	15.84	0.00
22	13	6	75	6.8	285.2	13.79	0.00
23	13	6	75	999.0	999.0	999.00	999.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	14	6	75	7.2	289.8	11.72	0.00
1	14	6	75	6.0	246.2	13.96	0.00
2	14	6	75	4.0	287.9	12.62	0.00
3	14	6	75	5.1	266.4	15.36	0.00
4	14	6	75	9.2	286.5	16.40	0.00
5	14	6	75	4.3	264.3	13.97	0.00
6	14	6	75	3.0	270.9	12.26	0.00
7	14	6	75	2.2	271.0	13.57	0.00
8	14	6	75	9.3	322.4	16.97	0.00
9	14	6	75	10.8	330.4	17.79	0.00
10	14	6	75	9.4	290.5	18.13	0.00
11	14	6	75	12.3	283.5	19.40	0.00
12	14	6	75	11.8	283.5	19.80	0.00
13	14	6	75	13.3	276.8	20.87	0.00
14	14	6	75	15.7	264.9	21.48	0.00
15	14	6	75	13.9	280.8	21.99	0.00
16	14	6	75	12.2	285.6	22.58	0.00
17	14	6	75	15.7	278.9	22.63	0.00
18	14	6	75	11.5	274.6	21.74	0.00
19	14	6	75	11.0	271.9	20.55	0.00
20	14	6	75	6.9	271.0	17.80	0.00
21	14	6	75	9.0	260.0	17.06	0.00
22	14	6	75	5.3	267.8	12.76	0.00
23	14	6	75	4.2	285.4	9.97	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	15	6	75	5.3	266.0	9.25	0.00
1	15	6	75	7.9	291.7	8.98	0.00
2	15	6	75	8.4	281.3	9.31	0.00
3	15	6	75	8.4	283.7	8.22	0.00
4	15	6	75	6.8	277.3	7.35	0.00
5	15	6	75	2.1	300.5	5.42	0.00
6	15	6	75	3.4	263.6	7.42	0.00
7	15	6	75	6.2	79.5	12.66	0.00
8	15	6	75	15.2	274.0	17.51	0.00
9	15	6	75	13.6	259.4	18.52	0.00
10	15	6	75	13.4	257.9	19.35	0.00
11	15	6	75	10.0	278.1	20.13	0.00
12	15	6	75	9.9	283.7	21.03	0.00
13	15	6	75	12.2	290.4	21.99	0.00
14	15	6	75	14.7	289.7	22.48	0.00
15	15	6	75	19.2	277.8	23.36	0.00
16	15	6	75	13.3	275.4	23.67	0.00
17	15	6	75	11.6	276.7	23.33	0.00
18	15	6	75	13.7	280.3	22.99	0.00
19	15	6	75	10.9	289.2	22.25	0.00
20	15	6	75	4.8	280.7	15.87	0.00
21	15	6	75	7.4	285.7	12.71	0.00
22	15	6	75	6.6	279.3	12.24	0.00
23	15	6	75	6.6	273.3	11.11	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	16	6	75	4.9	286.0	11.60	0.00
1	16	6	75	3.9	267.4	12.30	0.00
2	16	6	75	4.0	258.5	13.76	0.00
3	16	6	75	6.6	264.3	12.00	0.00
4	16	6	75	3.3	278.9	12.81	0.00
5	16	6	75	7.2	261.6	15.12	0.00
6	16	6	75	4.1	280.0	12.52	0.00
7	16	6	75	2.7	273.2	14.66	0.00
8	16	6	75	8.7	271.3	17.54	0.00
9	16	6	75	13.7	267.6	18.96	0.00
10	16	6	75	16.0	267.7	19.90	0.00
11	16	6	75	14.9	296.4	20.01	0.00
12	16	6	75	19.2	280.5	21.00	0.00
13	16	6	75	19.5	278.0	20.59	0.00
14	16	6	75	16.4	276.6	20.02	0.00
15	16	6	75	18.6	299.1	20.62	0.00
16	16	6	75	18.4	299.8	19.59	0.00
17	16	6	75	14.5	299.7	18.81	0.00
18	16	6	75	14.0	297.1	18.26	0.00
19	16	6	75	8.0	284.5	17.23	0.00
20	16	6	75	1.9	307.8	13.22	0.00
21	16	6	75	4.3	280.0	10.36	0.00
22	16	6	75	4.4	249.2	11.19	0.00
23	16	6	75	5.9	291.5	9.71	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	17	6	75	5.4	283.3	9.33	0.00
1	17	6	75	6.1	278.3	9.05	0.00
2	17	6	75	4.7	242.0	9.36	0.00
3	17	6	75	4.6	284.8	9.74	0.00
4	17	6	75	8.0	230.2	12.50	0.00
5	17	6	75	4.2	275.1	11.25	0.00
6	17	6	75	4.7	285.9	9.61	0.00
7	17	6	75	3.1	67.8	12.29	0.00
8	17	6	75	3.0	83.7	13.34	0.00
9	17	6	75	3.8	36.5	14.49	0.00
10	17	6	75	4.2	79.6	14.61	0.00
11	17	6	75	4.9	45.4	14.90	0.00
12	17	6	75	9.0	245.5	18.60	0.00
13	17	6	75	15.3	246.5	20.37	0.00
14	17	6	75	11.2	233.8	21.23	0.00
15	17	6	75	12.1	214.1	21.33	0.00
16	17	6	75	16.5	242.0	21.31	0.00
17	17	6	75	11.6	261.3	20.95	0.00
18	17	6	75	7.7	319.9	17.59	0.00
19	17	6	75	8.5	358.7	15.00	0.00
20	17	6	75	7.4	60.6	14.36	0.00
21	17	6	75	4.4	225.9	13.77	0.00
22	17	6	75	6.5	68.9	13.58	0.00
23	17	6	75	9.0	72.4	12.91	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	18	6	75	8.1	310.7	12.39	0.00
1	18	6	75	8.2	275.6	11.74	0.00
2	18	6	75	2.4	22.0	10.06	0.00
3	18	6	75	2.3	225.9	8.15	0.00
4	18	6	75	3.7	268.9	7.49	0.00
5	18	6	75	4.2	272.1	7.54	0.00
6	18	6	75	5.5	275.5	8.33	0.00
7	18	6	75	3.6	253.6	11.77	0.00
8	18	6	75	5.9	195.0	14.37	0.00
9	18	6	75	7.6	219.7	13.88	0.00
10	18	6	75	9.3	204.4	12.80	0.00
11	18	6	75	9.4	250.1	12.20	0.00
12	18	6	75	13.4	262.7	9.53	0.00
13	18	6	75	11.9	270.7	8.52	0.00
14	18	6	75	8.2	279.9	7.89	0.00
15	18	6	75	8.4	287.1	7.40	0.00
16	18	6	75	7.2	261.9	4.51	0.03
17	18	6	75	5.6	85.1	7.51	0.00
18	18	6	75	5.9	175.4	6.66	0.00
19	18	6	75	4.6	166.5	5.44	0.01
20	18	6	75	7.4	243.0	4.92	0.00
21	18	6	75	3.6	226.4	3.88	0.00
22	18	6	75	8.8	218.5	4.47	0.00
23	18	6	75	4.5	106.1	1.79	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	19	6	75	3.1	255.1	-0.85	0.00
1	19	6	75	2.2	251.8	-1.52	0.00
2	19	6	75	4.9	284.6	-1.38	0.00
3	19	6	75	5.8	279.2	-1.53	0.00
4	19	6	75	5.3	278.3	-1.27	0.00
5	19	6	75	3.3	263.5	-0.60	0.00
6	19	6	75	2.7	280.5	1.50	0.00
7	19	6	75	5.8	91.5	6.56	0.00
8	19	6	75	6.9	120.5	9.84	0.00
9	19	6	75	11.6	206.2	11.64	0.00
10	19	6	75	14.8	232.8	11.93	0.00
11	19	6	75	16.6	229.3	12.95	0.00
12	19	6	75	16.1	232.7	13.63	0.00
13	19	6	75	16.1	231.2	14.62	0.00
14	19	6	75	13.8	226.8	12.47	0.00
15	19	6	75	13.2	232.9	15.14	0.00
16	19	6	75	19.3	244.1	16.07	0.00
17	19	6	75	18.6	248.2	16.17	0.00
18	19	6	75	12.0	269.6	14.92	0.00
19	19	6	75	6.6	283.5	11.75	0.00
20	19	6	75	9.6	287.0	8.70	0.00
21	19	6	75	8.6	245.9	7.49	0.00
22	19	6	75	3.0	271.9	4.12	0.00
23	19	6	75	5.5	284.1	3.29	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	20	6	75	6.6	270.6	2.64	0.00
1	20	6	75	7.4	283.1	2.34	0.00
2	20	6	75	6.5	287.4	1.54	0.00
3	20	6	75	6.1	272.6	1.62	0.00
4	20	6	75	6.5	290.5	1.61	0.00
5	20	6	75	2.0	111.7	-0.59	0.00
6	20	6	75	4.3	287.8	1.75	0.00
7	20	6	75	2.3	35.7	8.53	0.00
8	20	6	75	6.0	78.5	10.02	0.00
9	20	6	75	5.7	127.1	14.02	0.00
10	20	6	75	14.8	204.5	12.50	0.00
11	20	6	75	8.0	253.7	6.26	0.00
12	20	6	75	7.9	244.2	6.64	0.01
13	20	6	75	6.9	260.7	8.29	0.01
14	20	6	75	8.2	77.7	10.71	0.00
15	20	6	75	11.8	243.5	5.95	0.01
16	20	6	75	12.6	245.9	11.09	0.00
17	20	6	75	15.5	253.0	12.01	0.00
18	20	6	75	11.4	282.9	10.80	0.00
19	20	6	75	7.4	274.1	10.10	0.00
20	20	6	75	8.7	334.1	6.96	0.00
21	20	6	75	4.9	6.2	4.92	0.00
22	20	6	75	4.7	266.6	3.68	0.00
23	20	6	75	4.6	258.0	1.72	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	21	6	75	6.6	283.0	0.83	0.00
1	21	6	75	7.1	266.9	0.63	0.00
2	21	6	75	6.1	284.1	0.75	0.00
3	21	6	75	6.7	281.2	0.25	0.00
4	21	6	75	3.6	271.5	1.06	0.00
5	21	6	75	2.6	250.7	-0.27	0.00
6	21	6	75	2.4	272.5	2.39	0.00
7	21	6	75	4.7	75.9	5.68	0.00
8	21	6	75	2.3	72.0	9.31	0.00
9	21	6	75	9.0	258.4	11.17	0.00
10	21	6	75	9.8	271.6	11.79	0.00
11	21	6	75	11.3	270.5	13.05	0.00
12	21	6	75	15.3	235.5	10.08	0.00
13	21	6	75	3.2	266.8	10.83	0.00
14	21	6	75	19.8	260.4	10.86	0.00
15	21	6	75	6.5	242.4	12.71	0.00
16	21	6	75	14.7	252.5	10.49	0.00
17	21	6	75	5.3	238.9	6.62	0.03
18	21	6	75	4.6	251.6	9.79	0.00
19	21	6	75	2.8	234.7	10.22	0.00
20	21	6	75	5.0	278.2	6.21	0.00
21	21	6	75	4.0	279.2	4.87	0.00
22	21	6	75	6.1	274.9	5.04	0.00
23	21	6	75	5.7	283.5	5.64	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	22	6	75	5.3	277.8	4.73	0.00
1	22	6	75	2.8	93.6	4.35	0.00
2	22	6	75	4.6	281.1	4.30	0.00
3	22	6	75	6.1	285.2	2.85	0.00
4	22	6	75	4.8	268.5	1.52	0.00
5	22	6	75	4.7	259.0	1.32	0.00
6	22	6	75	2.4	253.9	3.66	0.00
7	22	6	75	4.1	74.9	8.00	0.00
8	22	6	75	5.5	71.7	10.73	0.00
9	22	6	75	6.6	52.9	12.29	0.00
10	22	6	75	4.4	96.5	13.66	0.00
11	22	6	75	7.3	63.8	14.05	0.00
12	22	6	75	4.1	66.1	15.29	0.00
13	22	6	75	6.0	94.9	15.08	0.00
14	22	6	75	6.4	63.8	16.43	0.00
15	22	6	75	5.9	118.0	16.94	0.00
16	22	6	75	12.4	254.5	17.10	0.00
17	22	6	75	12.1	246.0	17.28	0.00
18	22	6	75	10.2	266.9	17.46	0.00
19	22	6	75	5.8	259.0	16.46	0.00
20	22	6	75	5.8	283.8	10.42	0.00
21	22	6	75	7.6	281.2	8.51	0.00
22	22	6	75	7.2	285.1	7.28	0.00
23	22	6	75	6.3	268.0	6.59	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	23	6	75	6.2	276.4	5.76	0.00
1	23	6	75	3.6	262.6	5.31	0.00
2	23	6	75	3.9	268.4	2.76	0.00
3	23	6	75	6.9	277.0	3.25	0.00
4	23	6	75	7.2	283.4	3.78	0.00
5	23	6	75	6.7	285.7	4.20	0.00
6	23	6	75	4.1	281.2	5.76	0.00
7	23	6	75	3.7	70.2	11.14	0.00
8	23	6	75	4.9	76.8	12.90	0.00
9	23	6	75	6.1	70.7	16.46	0.00
10	23	6	75	7.0	288.2	18.80	0.00
11	23	6	75	8.5	236.6	19.91	0.00
12	23	6	75	9.8	249.9	20.41	0.00
13	23	6	75	8.1	220.9	21.26	0.00
14	23	6	75	14.9	255.9	22.04	0.00
15	23	6	75	8.8	272.9	21.28	0.00
16	23	6	75	8.6	233.2	22.40	0.00
17	23	6	75	10.6	247.3	21.97	0.00
18	23	6	75	7.0	249.5	21.29	0.00
19	23	6	75	4.2	275.7	19.26	0.00
20	23	6	75	4.7	285.8	14.68	0.00
21	23	6	75	7.1	281.9	11.76	0.00
22	23	6	75	8.0	287.1	10.00	0.00
23	23	6	75	7.9	278.9	9.56	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	24	6	75	7.5	281.7	8.41	0.00
1	24	6	75	7.1	272.7	7.08	0.00
2	24	6	75	7.0	266.9	5.99	0.00
3	24	6	75	6.9	262.3	4.58	0.00
4	24	6	75	7.3	267.3	4.24	0.00
5	24	6	75	6.4	275.2	4.21	0.00
6	24	6	75	4.1	249.8	8.07	0.00
7	24	6	75	3.4	276.7	12.96	0.00
8	24	6	75	6.4	170.2	18.91	0.00
9	24	6	75	9.6	204.7	20.30	0.00
10	24	6	75	10.4	212.7	21.52	0.00
11	24	6	75	999.0	999.0	999.00	999.00
12	24	6	75	999.0	999.0	999.00	999.00
13	24	6	75	999.0	999.0	999.00	999.00
14	24	6	75	999.0	999.0	999.00	999.00
15	24	6	75	999.0	999.0	999.00	999.00
16	24	6	75	11.4	230.5	23.75	0.00
17	24	6	75	11.4	218.7	23.56	0.00
18	24	6	75	12.2	210.9	23.86	0.00
19	24	6	75	10.6	225.3	22.86	0.00
20	24	6	75	6.1	259.5	19.48	0.00
21	24	6	75	5.3	275.9	11.69	0.00
22	24	6	75	3.6	272.5	8.95	0.00
23	24	6	75	6.7	277.8	7.57	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	25	6	75	3.4	271.7	9.06	0.00
1	25	6	75	5.3	218.4	13.83	0.00
2	25	6	75	3.3	198.8	12.51	0.00
3	25	6	75	5.2	168.0	15.57	0.00
4	25	6	75	2.4	185.9	10.75	0.00
5	25	6	75	3.4	282.3	7.39	0.00
6	25	6	75	3.8	269.5	11.53	0.00
7	25	6	75	10.2	213.3	17.07	0.00
8	25	6	75	14.2	227.7	17.58	0.00
9	25	6	75	14.7	218.7	17.41	0.00
10	25	6	75	16.5	210.0	18.00	0.00
11	25	6	75	18.2	239.2	17.56	0.00
12	25	6	75	13.1	190.9	16.93	0.00
13	25	6	75	29.9	266.5	10.20	0.00
14	25	6	75	22.0	246.7	14.65	0.00
15	25	6	75	19.2	279.2	13.33	0.00
16	25	6	75	19.3	264.9	15.58	0.00
17	25	6	75	17.4	299.0	12.35	0.00
18	25	6	75	19.4	303.1	11.39	0.00
19	25	6	75	11.7	288.3	9.94	0.00
20	25	6	75	5.4	280.5	7.95	0.00
21	25	6	75	2.2	48.9	5.29	0.00
22	25	6	75	2.8	242.4	2.75	0.00
23	25	6	75	2.1	214.7	3.38	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	26	6	75	5.1	264.2	1.24	0.00
1	26	6	75	5.9	262.1	-0.07	0.00
2	26	6	75	7.0	287.3	-2.39	0.00
3	26	6	75	7.6	269.3	-2.17	0.00
4	26	6	75	7.0	283.1	-2.19	0.00
5	26	6	75	7.5	284.3	-2.30	0.00
6	26	6	75	5.8	290.9	0.06	0.00
7	26	6	75	2.9	45.4	7.01	0.00
8	26	6	75	4.6	73.6	9.10	0.00
9	26	6	75	4.7	37.3	10.58	0.00
10	26	6	75	5.1	160.1	13.55	0.00
11	26	6	75	6.4	291.7	14.70	0.00
12	26	6	75	5.9	279.5	16.58	0.00
13	26	6	75	7.6	273.9	17.94	0.00
14	26	6	75	6.6	257.7	19.53	0.00
15	26	6	75	11.5	242.1	20.79	0.00
16	26	6	75	13.4	245.1	21.27	0.00
17	26	6	75	10.5	246.6	21.27	0.00
18	26	6	75	10.3	243.6	20.91	0.00
19	26	6	75	8.0	241.5	19.24	0.00
20	26	6	75	8.0	283.2	10.44	0.00
21	26	6	75	9.1	292.1	7.47	0.00
22	26	6	75	8.1	281.1	7.25	0.00
23	26	6	75	8.9	279.1	6.06	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	27	6	75	8.3	268.1	6.17	0.00
1	27	6	75	7.9	280.4	5.53	0.00
2	27	6	75	7.3	271.3	5.03	0.00
3	27	6	75	6.1	282.5	4.78	0.00
4	27	6	75	7.2	285.0	4.37	0.00
5	27	6	75	6.5	279.1	3.46	0.00
6	27	6	75	4.0	259.4	6.51	0.00
7	27	6	75	1.9	295.7	13.12	0.00
8	27	6	75	10.1	231.7	20.23	0.00
9	27	6	75	13.4	227.4	21.68	0.00
10	27	6	75	16.4	233.7	22.52	0.00
11	27	6	75	18.1	244.0	22.72	0.00
12	27	6	75	18.9	233.5	23.37	0.00
13	27	6	75	19.6	231.5	24.08	0.00
14	27	6	75	21.0	227.3	24.74	0.00
15	27	6	75	18.3	226.5	25.07	0.00
16	27	6	75	14.9	236.9	25.33	0.00
17	27	6	75	14.7	244.9	24.50	0.00
18	27	6	75	8.1	232.9	23.64	0.00
19	27	6	75	5.3	252.4	21.61	0.00
20	27	6	75	5.4	266.1	17.23	0.00
21	27	6	75	6.2	274.8	14.16	0.00
22	27	6	75	7.1	277.7	12.51	0.00
23	27	6	75	7.6	279.6	11.66	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	28	6	75	7.3	248.0	11.90	0.00
1	28	6	75	6.4	262.4	10.92	0.00
2	28	6	75	1.8	46.2	7.62	0.00
3	28	6	75	3.0	272.6	7.03	0.00
4	28	6	75	7.4	268.8	7.06	0.00
5	28	6	75	7.5	285.7	6.47	0.00
6	28	6	75	6.3	285.4	8.55	0.00
7	28	6	75	2.3	283.4	13.82	0.00
8	28	6	75	2.9	97.8	17.87	0.00
9	28	6	75	5.9	62.6	19.55	0.00
10	28	6	75	4.5	320.6	22.15	0.00
11	28	6	75	9.0	216.0	24.06	0.00
12	28	6	75	12.1	208.2	24.01	0.00
13	28	6	75	17.8	237.1	24.84	0.00
14	28	6	75	14.7	232.3	24.94	0.00
15	28	6	75	14.2	228.8	25.33	0.00
16	28	6	75	12.2	219.8	25.60	0.00
17	28	6	75	11.8	239.2	25.68	0.00
18	28	6	75	13.4	248.5	25.04	0.00
19	28	6	75	9.1	255.7	23.02	0.00
20	28	6	75	7.5	265.8	15.56	0.00
21	28	6	75	6.7	283.5	13.11	0.00
22	28	6	75	9.1	278.9	11.78	0.00
23	28	6	75	8.1	280.1	10.27	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	29	6	75	8.7	282.5	9.40	0.00
1	29	6	75	5.7	274.9	8.29	0.00
2	29	6	75	7.4	279.4	7.89	0.00
3	29	6	75	8.6	280.1	7.26	0.00
4	29	6	75	7.6	278.0	7.05	0.00
5	29	6	75	7.0	269.2	4.60	0.00
6	29	6	75	6.4	274.6	8.34	0.00
7	29	6	75	4.8	75.7	15.73	0.00
8	29	6	75	9.3	223.8	21.84	0.00
9	29	6	75	11.5	230.6	22.84	0.00
10	29	6	75	12.2	232.0	23.31	0.00
11	29	6	75	12.7	234.4	23.91	0.00
12	29	6	75	16.3	239.9	24.38	0.00
13	29	6	75	17.1	243.7	25.05	0.00
14	29	6	75	17.0	213.0	25.48	0.00
15	29	6	75	16.7	222.2	25.61	0.00
16	29	6	75	13.2	223.3	25.72	0.00
17	29	6	75	12.2	206.1	26.32	0.00
18	29	6	75	11.1	220.3	25.96	0.00
19	29	6	75	8.6	244.3	23.33	0.00
20	29	6	75	8.0	275.4	13.50	0.00
21	29	6	75	9.2	283.4	12.27	0.00
22	29	6	75	9.6	275.9	10.73	0.00
23	29	6	75	7.6	280.2	11.01	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	30	6	75	1.7	189.4	8.47	0.00
1	30	6	75	3.2	268.7	7.07	0.00
2	30	6	75	5.2	272.8	5.43	0.00
3	30	6	75	4.5	272.3	3.77	0.00
4	30	6	75	6.2	271.0	2.89	0.00
5	30	6	75	7.1	277.0	4.42	0.00
6	30	6	75	5.8	270.8	7.69	0.00
7	30	6	75	2.1	274.6	14.00	0.00
8	30	6	75	3.2	57.5	19.32	0.00
9	30	6	75	5.3	76.4	22.40	0.00
10	30	6	75	11.0	218.7	25.57	0.00
11	30	6	75	9.7	201.7	26.53	0.00
12	30	6	75	9.8	248.2	26.54	0.00
13	30	6	75	15.0	240.7	27.37	0.00
14	30	6	75	9.7	216.5	27.85	0.00
15	30	6	75	13.1	225.7	28.02	0.00
16	30	6	75	11.8	208.9	28.30	0.00
17	30	6	75	10.6	220.5	28.21	0.00
18	30	6	75	7.9	228.8	27.78	0.00
19	30	6	75	7.4	249.8	25.84	0.00
20	30	6	75	8.7	269.4	16.80	0.00
21	30	6	75	7.0	276.5	14.20	0.00
22	30	6	75	7.0	278.8	13.71	0.00
23	30	6	75	5.9	278.2	10.71	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	1	7	75	7.2	290.2	10.23	0.00
1	1	7	75	4.9	287.0	8.67	0.00
2	1	7	75	6.8	273.2	6.23	0.00
3	1	7	75	5.2	277.9	5.85	0.00
4	1	7	75	6.1	276.7	5.82	0.00
5	1	7	75	7.1	268.0	5.81	0.00
6	1	7	75	6.4	261.6	10.02	0.00
7	1	7	75	2.2	231.1	15.97	0.00
8	1	7	75	5.1	74.5	20.63	0.00
9	1	7	75	9.4	192.9	25.72	0.00
10	1	7	75	9.7	190.9	26.95	0.00
11	1	7	75	12.0	206.1	27.69	0.00
12	1	7	75	10.4	199.5	28.30	0.00
13	1	7	75	16.0	228.7	28.63	0.00
14	1	7	75	15.4	247.8	28.85	0.00
15	1	7	75	15.8	237.1	28.74	0.00
16	1	7	75	13.3	238.4	28.97	0.00
17	1	7	75	9.6	233.8	28.94	0.00
18	1	7	75	3.0	207.4	28.73	0.00
19	1	7	75	5.6	264.6	26.36	0.00
20	1	7	75	6.9	282.9	17.87	0.00
21	1	7	75	7.1	272.3	14.84	0.00
22	1	7	75	7.9	272.6	13.72	0.00
23	1	7	75	8.9	277.7	14.30	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	2	7	75	5.3	307.6	14.00	0.00
1	2	7	75	8.2	276.4	12.23	0.00
2	2	7	75	5.6	268.0	11.53	0.00
3	2	7	75	7.0	270.5	9.78	0.00
4	2	7	75	5.3	282.7	8.74	0.00
5	2	7	75	6.9	266.0	8.83	0.00
6	2	7	75	4.9	261.9	11.21	0.00
7	2	7	75	1.3	239.6	17.97	0.00
8	2	7	75	5.7	62.3	21.02	0.00
9	2	7	75	4.0	85.8	25.28	0.00
10	2	7	75	7.0	266.7	26.74	0.00
11	2	7	75	8.2	282.3	27.48	0.00
12	2	7	75	6.5	216.6	28.23	0.00
13	2	7	75	5.2	239.7	28.27	0.00
14	2	7	75	3.3	21.1	28.12	0.00
15	2	7	75	5.1	1.7	28.72	0.00
16	2	7	75	11.0	59.9	26.58	0.00
17	2	7	75	5.4	249.9	24.19	0.00
18	2	7	75	6.8	38.4	23.32	0.00
19	2	7	75	5.9	155.0	22.03	0.00
20	2	7	75	2.8	150.3	19.03	0.00
21	2	7	75	5.1	288.5	16.21	0.00
22	2	7	75	6.6	269.0	13.32	0.00
23	2	7	75	6.6	282.3	12.88	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	2	7	75	5.3	307.6	14.00	0.00
1	2	7	75	8.2	276.4	12.23	0.00
2	2	7	75	5.6	268.0	11.53	0.00
3	2	7	75	7.0	270.5	9.78	0.00
4	2	7	75	5.3	282.7	8.74	0.00
5	2	7	75	6.9	266.0	8.83	0.00
6	2	7	75	4.9	261.9	11.21	0.00
7	2	7	75	1.3	239.6	17.97	0.00
8	2	7	75	5.7	62.3	21.02	0.00
9	2	7	75	4.0	85.8	25.28	0.00
10	2	7	75	7.0	266.7	26.74	0.00
11	2	7	75	8.2	282.3	27.48	0.00
12	2	7	75	6.5	216.6	28.23	0.00
13	2	7	75	5.2	239.7	28.27	0.00
14	2	7	75	3.3	21.1	28.12	0.00
15	2	7	75	5.1	1.7	28.72	0.00
16	2	7	75	11.0	59.9	26.58	0.00
17	2	7	75	5.4	249.9	24.19	0.00
18	2	7	75	6.8	38.4	23.32	0.00
19	2	7	75	5.9	155.0	22.03	0.00
20	2	7	75	2.8	150.3	19.03	0.00
21	2	7	75	5.1	288.5	16.21	0.00
22	2	7	75	6.6	269.0	13.32	0.00
23	2	7	75	6.6	262.3	12.88	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	3	7	75	2.3	321.4	10.86	0.00
1	3	7	75	4.9	279.0	9.76	0.00
2	3	7	75	5.2	282.0	9.31	0.00
3	3	7	75	6.5	280.5	10.16	0.00
4	3	7	75	6.1	290.1	10.68	0.00
5	3	7	75	5.7	272.8	10.20	0.00
6	3	7	75	5.4	281.4	11.20	0.00
7	3	7	75	3.2	79.8	17.22	0.00
8	3	7	75	2.6	224.3	19.98	0.00
9	3	7	75	5.2	233.8	22.09	0.00
10	3	7	75	7.0	235.8	23.71	0.00
11	3	7	75	6.1	293.9	23.97	0.00
12	3	7	75	5.2	190.5	24.80	0.00
13	3	7	75	10.3	254.6	25.55	0.00
14	3	7	75	5.0	147.4	26.34	0.00
15	3	7	75	8.6	253.7	26.81	0.00
16	3	7	75	7.5	218.6	27.06	0.00
17	3	7	75	10.6	257.5	26.47	0.00
18	3	7	75	8.4	269.9	26.27	0.00
19	3	7	75	10.6	56.6	23.01	0.00
20	3	7	75	4.3	231.4	18.59	999.00
21	3	7	75	2.7	125.3	17.64	0.00
22	3	7	75	5.6	286.9	16.69	0.00
23	3	7	75	4.7	298.1	15.62	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	4	7	75	4.4	286.6	14.04	0.00
1	4	7	75	5.9	282.7	13.46	0.00
2	4	7	75	1.7	78.1	11.00	0.00
3	4	7	75	7.0	286.0	9.87	0.00
4	4	7	75	6.8	275.5	9.95	0.00
5	4	7	75	5.9	275.0	9.42	0.00
6	4	7	75	2.3	287.2	11.12	0.00
7	4	7	75	1.7	341.4	16.22	0.00
8	4	7	75	3.6	71.7	18.89	0.00
9	4	7	75	6.0	84.6	21.63	0.00
10	4	7	75	5.5	84.6	23.92	0.00
11	4	7	75	7.4	309.6	25.37	0.00
12	4	7	75	11.2	75.6	22.19	0.00
13	4	7	75	7.0	88.9	22.66	0.00
14	4	7	75	13.6	245.5	20.71	0.00
15	4	7	75	9.0	220.7	21.36	0.00
16	4	7	75	7.8	219.1	23.85	0.00
17	4	7	75	7.5	263.2	24.73	0.00
18	4	7	75	5.9	269.8	23.54	0.00
19	4	7	75	3.7	262.0	23.07	0.00
20	4	7	75	6.2	269.9	18.36	0.00
21	4	7	75	6.2	263.0	15.61	0.00
22	4	7	75	999.0	999.0	999.00	999.00
23	4	7	75	7.9	271.9	13.06	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	5	7	75	9.1	278.5	13.19	0.00
1	5	7	75	7.0	291.6	12.54	0.00
2	5	7	75	4.4	266.5	10.10	0.00
3	5	7	75	7.4	283.6	9.99	0.00
4	5	7	75	6.7	285.6	10.22	0.00
5	5	7	75	6.8	282.0	9.67	0.00
6	5	7	75	1.8	333.3	9.68	0.00
7	5	7	75	2.7	295.5	14.12	0.00
8	5	7	75	3.9	100.6	18.80	0.00
9	5	7	75	5.4	93.3	19.06	0.00
10	5	7	75	4.5	91.6	20.25	0.00
11	5	7	75	6.3	84.8	22.43	0.00
12	5	7	75	5.4	75.2	24.15	0.00
13	5	7	75	8.2	73.3	24.62	0.00
14	5	7	75	6.0	81.2	25.53	0.00
15	5	7	75	4.4	48.6	26.28	0.00
16	5	7	75	5.6	57.2	27.03	0.00
17	5	7	75	6.6	37.8	26.08	0.00
18	5	7	75	8.2	294.7	23.25	0.00
19	5	7	75	5.8	329.7	22.88	0.00
20	5	7	75	13.3	50.8	19.92	0.00
21	5	7	75	5.6	16.8	18.63	0.00
22	5	7	75	2.7	210.6	16.24	0.00
23	5	7	75	6.8	290.9	14.41	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	6	7	75	4.5	286.2	14.05	0.00
1	6	7	75	7.0	282.9	12.64	0.00
2	6	7	75	1.6	120.2	10.37	0.00
3	6	7	75	6.8	283.5	8.92	0.00
4	6	7	75	6.9	285.8	9.51	0.00
5	6	7	75	7.1	286.6	9.09	0.00
6	6	7	75	3.6	295.1	10.83	0.00
7	6	7	75	4.1	102.9	14.80	0.00
8	6	7	75	6.0	100.5	16.36	0.00
9	6	7	75	6.3	38.7	18.46	0.00
10	6	7	75	7.5	76.8	20.26	0.00
11	6	7	75	6.5	54.1	22.27	0.00
12	6	7	75	8.6	78.2	23.45	0.00
13	6	7	75	7.0	41.4	24.96	0.00
14	6	7	75	6.0	96.4	25.81	0.00
15	6	7	75	9.3	56.3	26.55	0.00
16	6	7	75	6.8	6.9	27.01	0.00
17	6	7	75	6.8	39.6	27.21	0.00
18	6	7	75	8.3	61.9	26.64	0.00
19	6	7	75	3.7	52.8	25.92	0.00
20	6	7	75	6.1	283.3	20.00	0.00
21	6	7	75	9.4	276.2	16.68	0.00
22	6	7	75	9.3	278.3	15.76	0.00
23	6	7	75	8.5	288.1	14.84	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	7	7	75	6.9	282.5	13.97	0.00
1	7	7	75	7.7	286.0	13.41	0.00
2	7	7	75	6.6	294.6	13.58	0.00
3	7	7	75	5.5	273.1	10.46	0.00
4	7	7	75	5.4	265.4	10.43	0.00
5	7	7	75	6.3	275.7	10.63	0.00
6	7	7	75	5.3	287.0	12.91	0.00
7	7	7	75	4.3	84.4	16.68	0.00
8	7	7	75	3.2	75.4	19.88	0.00
9	7	7	75	4.5	92.6	22.32	0.00
10	7	7	75	6.9	94.7	24.70	0.00
11	7	7	75	5.7	74.4	26.28	0.00
12	7	7	75	6.5	84.9	27.22	0.00
13	7	7	75	7.7	63.9	27.48	0.00
14	7	7	75	12.4	72.8	27.78	0.00
15	7	7	75	8.3	46.7	27.77	0.00
16	7	7	75	10.4	80.6	28.06	0.00
17	7	7	75	9.9	45.8	27.40	0.00
18	7	7	75	8.9	51.8	27.06	0.00
19	7	7	75	8.4	73.3	25.70	0.00
20	7	7	75	2.4	266.1	22.23	0.00
21	7	7	75	6.1	284.7	17.99	0.00
22	7	7	75	6.9	288.5	16.23	0.00
23	7	7	75	5.7	275.8	14.83	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	8	7	75	4.3	263.4	14.10	0.00
1	8	7	75	6.3	277.5	13.10	0.00
2	8	7	75	7.3	274.2	12.09	0.00
3	8	7	75	6.6	288.5	11.88	0.00
4	8	7	75	6.6	290.3	11.33	0.00
5	8	7	75	6.1	286.2	10.49	0.00
6	8	7	75	5.2	289.6	11.84	0.00
7	8	7	75	1.4	145.5	18.24	0.00
8	8	7	75	4.6	88.3	18.59	0.00
9	8	7	75	5.6	94.4	20.82	0.00
10	8	7	75	5.2	95.1	22.84	0.00
11	8	7	75	6.7	78.7	24.70	0.00
12	8	7	75	6.4	17.8	26.30	0.00
13	8	7	75	6.1	70.3	25.59	0.00
14	8	7	75	11.8	257.3	20.59	0.00
15	8	7	75	10.7	247.9	18.02	0.00
16	8	7	75	10.1	258.0	18.38	0.00
17	8	7	75	5.1	79.9	20.49	0.00
18	8	7	75	8.4	334.2	21.76	0.00
19	8	7	75	2.4	75.7	20.21	0.00
20	8	7	75	2.8	287.6	18.11	0.00
21	8	7	75	5.4	266.5	14.86	0.00
22	8	7	75	8.8	267.6	14.35	0.00
23	8	7	75	9.4	248.8	15.18	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	9	7	75	3.8	280.2	15.67	0.00
1	9	7	75	7.0	91.9	14.61	0.00
2	9	7	75	6.6	214.1	14.40	0.00
3	9	7	75	6.8	199.2	14.34	0.00
4	9	7	75	8.2	275.2	13.66	0.00
5	9	7	75	5.7	260.4	13.98	0.00
6	9	7	75	8.4	256.7	14.11	0.00
7	9	7	75	2.5	85.7	14.86	0.00
8	9	7	75	2.6	77.7	17.43	0.00
9	9	7	75	4.6	196.2	22.04	0.00
10	9	7	75	4.5	279.4	23.79	0.00
11	9	7	75	4.5	279.4	23.79	0.00
12	9	7	75	6.3	235.9	24.13	0.00
13	9	7	75	4.7	128.3	24.94	0.00
14	9	7	75	8.3	243.1	22.85	0.00
15	9	7	75	999.0	999.0	999.00	999.00
16	9	7	75	999.0	999.0	999.00	999.00
17	9	7	75	4.9	49.7	20.19	0.06
18	9	7	75	10.1	52.3	19.51	0.00
19	9	7	75	5.4	32.5	17.05	0.00
20	9	7	75	4.3	266.1	14.08	0.00
21	9	7	75	6.5	262.7	13.08	0.00
22	9	7	75	5.8	286.6	13.05	0.00
23	9	7	75	2.3	242.0	12.44	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	10	7	75	3.4	252.4	11.02	0.00
1	10	7	75	5.8	271.0	10.50	0.00
2	10	7	75	2.9	259.0	9.56	0.00
3	10	7	75	4.9	268.6	9.83	0.00
4	10	7	75	1.4	186.5	8.59	0.00
5	10	7	75	5.7	280.7	8.39	0.00
6	10	7	75	5.6	301.0	10.20	0.00
7	10	7	75	3.2	95.6	15.51	0.00
8	10	7	75	2.5	120.8	17.42	0.00
9	10	7	75	2.7	74.2	18.59	0.00
10	10	7	75	4.6	75.8	19.87	0.00
11	10	7	75	5.9	86.2	21.22	0.00
12	10	7	75	5.7	79.7	22.31	0.00
13	10	7	75	6.7	68.2	23.76	0.02
14	10	7	75	7.7	40.7	24.88	0.00
15	10	7	75	6.3	56.2	25.14	0.00
16	10	7	75	6.8	59.4	25.67	0.00
17	10	7	75	11.0	62.4	24.91	0.00
18	10	7	75	6.3	76.4	23.10	0.00
19	10	7	75	1.3	94.9	21.66	0.00
20	10	7	75	2.8	293.5	18.78	0.00
21	10	7	75	6.7	263.9	15.23	0.00
22	10	7	75	8.2	273.1	13.74	0.00
23	10	7	75	7.5	286.1	13.42	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	11	7	75	7.6	284.7	12.31	0.00
1	11	7	75	7.3	277.7	11.60	0.00
2	11	7	75	7.6	283.8	10.99	0.00
3	11	7	75	6.9	277.0	10.17	0.00
4	11	7	75	7.0	279.0	9.55	0.00
5	11	7	75	7.1	291.6	9.12	0.00
6	11	7	75	5.4	287.9	10.31	0.00
7	11	7	75	2.3	61.4	15.62	0.00
8	11	7	75	3.3	79.9	17.63	0.00
9	11	7	75	4.3	77.1	18.99	0.00
10	11	7	75	5.0	69.0	20.60	0.00
11	11	7	75	6.1	97.2	22.21	0.00
12	11	7	75	6.4	67.2	23.39	0.00
13	11	7	75	7.5	100.3	23.45	0.00
14	11	7	75	7.3	42.7	24.48	0.00
15	11	7	75	7.7	352.7	24.86	0.00
16	11	7	75	9.0	58.2	24.91	0.00
17	11	7	75	10.5	68.9	24.66	0.00
18	11	7	75	7.8	56.3	24.60	0.00
19	11	7	75	6.4	75.4	22.27	0.00
20	11	7	75	2.1	242.9	18.07	0.00
21	11	7	75	4.4	278.9	13.83	0.00
22	11	7	75	8.6	279.5	13.59	0.00
23	11	7	75	7.4	282.1	12.36	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	12	7	75	7.1	282.9	11.94	0.00
1	12	7	75	6.7	276.9	11.60	0.00
2	12	7	75	6.2	274.5	10.68	0.00
3	12	7	75	7.1	287.1	9.78	0.00
4	12	7	75	7.1	288.8	8.56	0.00
5	12	7	75	6.1	282.2	7.28	0.00
6	12	7	75	5.0	283.4	9.33	0.00
7	12	7	75	3.1	83.3	12.38	0.00
8	12	7	75	3.6	93.9	16.84	0.00
9	12	7	75	5.6	88.9	17.96	0.00
10	12	7	75	4.5	85.4	19.78	0.00
11	12	7	75	2.4	159.2	21.60	0.00
12	12	7	75	3.5	261.9	21.88	0.00
13	12	7	75	3.3	354.0	23.03	0.00
14	12	7	75	3.2	161.4	23.66	0.04
15	12	7	75	5.7	311.6	24.61	0.00
16	12	7	75	4.6	75.6	24.13	0.00
17	12	7	75	1.3	279.3	24.26	0.00
18	12	7	75	3.3	280.2	24.77	0.00
19	12	7	75	7.9	251.2	21.59	0.00
20	12	7	75	6.9	239.2	18.56	0.00
21	12	7	75	5.5	239.9	17.12	0.00
22	12	7	75	7.0	233.7	16.16	0.00
23	12	7	75	6.6	233.5	15.61	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	13	7	75	1.6	187.0	12.19	0.00
1	13	7	75	2.4	304.1	11.06	0.00
2	13	7	75	6.5	273.2	10.92	0.00
3	13	7	75	4.1	271.7	9.86	0.00
4	13	7	75	4.0	272.2	9.36	0.00
5	13	7	75	1.6	282.5	9.06	0.00
6	13	7	75	2.8	280.0	11.23	0.00
7	13	7	75	3.0	31.1	16.05	0.00
8	13	7	75	3.7	267.1	19.68	0.00
9	13	7	75	7.9	238.8	21.36	0.00
10	13	7	75	6.1	251.0	21.88	0.00
11	13	7	75	10.6	244.1	22.70	0.00
12	13	7	75	11.5	259.4	23.07	0.00
13	13	7	75	8.9	238.6	23.45	0.00
14	13	7	75	16.2	276.5	22.26	0.00
15	13	7	75	6.8	236.0	22.90	0.00
16	13	7	75	11.4	252.7	24.31	0.00
17	13	7	75	12.4	270.8	22.39	0.00
18	13	7	75	6.6	253.9	22.25	0.00
19	13	7	75	6.1	273.3	22.15	0.00
20	13	7	75	4.2	261.0	19.45	0.00
21	13	7	75	5.2	250.6	16.97	0.00
22	13	7	75	3.8	264.8	15.38	0.00
23	13	7	75	5.2	279.7	12.31	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	14	7	75	5.4	282.1	12.12	0.00
1	14	7	75	6.1	266.6	10.85	0.00
2	14	7	75	6.9	282.0	10.97	0.00
3	14	7	75	6.3	290.5	11.05	0.00
4	14	7	75	6.8	277.4	10.80	0.00
5	14	7	75	6.9	290.4	10.12	0.00
6	14	7	75	2.9	274.9	11.79	0.00
7	14	7	75	3.6	85.6	15.44	0.00
8	14	7	75	2.0	37.7	19.93	0.00
9	14	7	75	3.0	98.9	22.04	0.00
10	14	7	75	4.6	86.3	22.98	0.00
11	14	7	75	8.1	75.5	24.17	0.00
12	14	7	75	5.8	49.4	25.33	0.00
13	14	7	75	11.1	261.4	19.64	0.00
14	14	7	75	4.5	257.6	21.64	0.00
15	14	7	75	3.4	96.6	27.40	0.00
16	14	7	75	8.9	254.1	22.35	0.00
17	14	7	75	3.8	248.1	26.50	0.00
18	14	7	75	8.0	250.9	23.25	0.00
19	14	7	75	7.3	247.9	21.36	0.00
20	14	7	75	4.6	338.7	21.59	0.00
21	14	7	75	1.7	316.6	19.61	0.00
22	14	7	75	4.6	173.7	19.10	0.00
23	14	7	75	8.0	199.7	18.56	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	15	7	75	7.9	215.4	17.72	0.00
1	15	7	75	6.2	255.4	17.36	0.00
2	15	7	75	5.0	71.4	15.91	0.00
3	15	7	75	1.8	123.6	13.57	0.00
4	15	7	75	6.6	231.8	10.30	0.00
5	15	7	75	5.4	200.3	10.25	0.00
6	15	7	75	3.7	273.0	11.52	0.00
7	15	7	75	3.0	285.1	13.47	0.00
8	15	7	75	2.4	70.6	18.24	0.00
9	15	7	75	3.3	165.9	21.64	0.00
10	15	7	75	3.7	91.9	23.03	0.00
11	15	7	75	3.4	304.8	23.70	0.00
12	15	7	75	5.3	239.4	24.36	0.00
13	15	7	75	6.1	220.2	25.56	0.00
14	15	7	75	9.0	328.8	22.58	0.00
15	15	7	75	8.8	99.8	20.61	0.00
16	15	7	75	7.2	77.6	22.22	0.00
17	15	7	75	6.7	57.5	22.82	0.00
18	15	7	75	4.9	14.7	22.39	0.00
19	15	7	75	7.5	319.1	19.33	0.00
20	15	7	75	6.1	219.1	19.22	0.00
21	15	7	75	4.0	253.2	14.79	0.01
22	15	7	75	7.5	279.1	13.62	0.00
23	15	7	75	2.6	233.6	13.59	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	16	7	75	6.8	284.7	12.96	0.00
1	16	7	75	7.1	288.1	11.92	0.00
2	16	7	75	3.5	247.4	11.89	0.00
3	16	7	75	4.9	275.0	11.40	0.00
4	16	7	75	3.3	47.1	12.97	0.00
5	16	7	75	2.8	268.9	11.00	0.00
6	16	7	75	6.5	281.1	10.61	0.00
7	16	7	75	3.2	301.0	14.32	0.00
8	16	7	75	4.5	49.2	17.14	0.00
9	16	7	75	8.9	203.6	18.67	0.00
10	16	7	75	9.6	223.9	13.58	0.00
11	16	7	75	2.4	17.9	14.27	0.00
12	16	7	75	3.8	78.1	14.08	0.00
13	16	7	75	5.3	217.1	13.26	0.00
14	16	7	75	1.9	308.7	13.22	0.00
15	16	7	75	8.9	112.4	16.28	0.00
16	16	7	75	5.0	131.4	17.57	0.00
17	16	7	75	4.4	81.1	18.27	0.00
18	16	7	75	11.3	309.4	13.50	0.00
19	16	7	75	5.5	101.4	13.56	0.00
20	16	7	75	5.3	279.8	11.19	0.00
21	16	7	75	6.1	115.1	11.08	0.00
22	16	7	75	4.9	280.5	10.76	0.00
23	16	7	75	5.8	199.6	10.82	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	17	7	75	3.7	277.5	9.21	0.00
1	17	7	75	3.2	275.7	7.73	0.00
2	17	7	75	4.1	264.1	6.98	0.00
3	17	7	75	4.9	278.0	6.08	0.00
4	17	7	75	3.9	267.1	5.86	0.00
5	17	7	75	5.4	282.7	5.82	0.00
6	17	7	75	5.3	289.3	7.17	0.00
7	17	7	75	2.3	77.4	11.85	0.00
8	17	7	75	3.5	95.2	14.54	0.00
9	17	7	75	8.7	235.5	18.39	0.00
10	17	7	75	11.7	225.3	19.55	0.00
11	17	7	75	9.4	242.4	20.48	0.00
12	17	7	75	9.6	236.3	21.03	0.00
13	17	7	75	11.7	256.5	20.74	0.00
14	17	7	75	5.3	235.9	17.37	0.00
15	17	7	75	12.5	239.4	21.61	0.00
16	17	7	75	10.8	226.0	21.90	0.00
17	17	7	75	12.6	251.3	22.71	0.00
18	17	7	75	7.5	256.5	22.64	0.00
19	17	7	75	5.1	260.0	20.19	0.00
20	17	7	75	6.1	278.9	15.14	0.00
21	17	7	75	7.7	272.9	13.14	0.00
22	17	7	75	6.8	279.5	12.63	0.00
23	17	7	75	6.3	284.1	13.93	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	18	7	75	2.9	258.2	13.88	0.00
1	18	7	75	3.0	291.0	13.15	0.00
2	18	7	75	1.9	110.2	11.81	0.00
3	18	7	75	4.3	277.1	10.84	0.00
4	18	7	75	4.7	276.0	8.44	0.00
5	18	7	75	5.3	276.5	7.98	0.00
6	18	7	75	4.6	273.4	10.26	0.00
7	18	7	75	1.2	192.4	15.87	0.00
8	18	7	75	3.1	168.9	20.70	0.00
9	18	7	75	7.8	249.6	21.51	0.00
10	18	7	75	6.5	248.6	22.50	0.00
11	18	7	75	8.1	277.2	23.25	0.00
12	18	7	75	7.4	280.1	24.12	0.00
13	18	7	75	6.6	250.8	23.85	0.00
14	18	7	75	7.5	219.0	24.84	0.00
15	18	7	75	5.7	235.8	25.10	0.00
16	18	7	75	9.0	262.7	25.50	0.00
17	18	7	75	5.8	243.0	25.04	0.00
18	18	7	75	2.7	226.5	24.42	0.00
19	18	7	75	4.4	243.2	22.95	0.00
20	18	7	75	7.9	264.4	16.78	0.00
21	18	7	75	7.2	280.8	14.51	0.00
22	18	7	75	7.1	277.9	14.32	0.00
23	18	7	75	3.8	245.5	13.27	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	19	7	75	4.7	271.7	11.67	0.00
1	19	7	75	7.9	276.5	11.35	0.00
2	19	7	75	7.4	289.6	11.27	0.00
3	19	7	75	6.4	281.4	10.50	0.00
4	19	7	75	6.1	286.6	10.37	0.00
5	19	7	75	6.2	278.3	9.50	0.00
6	19	7	75	4.4	286.8	11.89	0.00
7	19	7	75	2.0	92.2	15.78	0.00
8	19	7	75	5.0	74.8	18.24	0.00
9	19	7	75	5.3	66.2	21.01	0.00
10	19	7	75	5.2	79.7	24.07	0.00
11	19	7	75	6.7	304.4	25.41	0.00
12	19	7	75	5.2	38.0	25.62	0.00
13	19	7	75	4.9	291.1	25.91	0.00
14	19	7	75	6.4	79.2	25.01	0.00
15	19	7	75	3.3	52.8	26.10	0.00
16	19	7	75	3.4	299.4	26.20	0.00
17	19	7	75	5.4	73.0	26.86	0.00
18	19	7	75	5.3	294.2	26.95	0.00
19	19	7	75	3.0	305.2	26.94	0.00
20	19	7	75	8.5	284.7	19.42	0.00
21	19	7	75	8.9	289.2	17.31	0.00
22	19	7	75	8.8	278.2	15.35	0.00
23	19	7	75	7.4	275.6	15.62	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	20	7	75	7.4	287.8	15.19	0.00
1	20	7	75	7.7	292.6	14.31	0.00
2	20	7	75	7.1	286.1	13.63	0.00
3	20	7	75	5.7	278.1	12.83	0.00
4	20	7	75	6.7	285.6	12.59	0.00
5	20	7	75	4.1	277.9	12.56	0.00
6	20	7	75	2.7	275.3	11.80	0.00
7	20	7	75	999.0	999.0	999.00	0.00
8	20	7	75	3.0	66.7	20.46	0.00
9	20	7	75	4.1	66.7	21.00	0.00
10	20	7	75	5.0	67.8	23.57	0.00
11	20	7	75	6.8	91.1	24.83	0.00
12	20	7	75	5.3	127.4	25.53	0.00
13	20	7	75	3.8	299.7	26.49	0.00
14	20	7	75	17.3	270.0	24.72	0.00
15	20	7	75	8.6	283.1	26.68	0.00
16	20	7	75	7.1	104.6	26.17	0.00
17	20	7	75	8.7	18.9	24.92	0.00
18	20	7	75	10.7	55.2	22.64	0.00
19	20	7	75	7.2	74.7	21.56	0.00
20	20	7	75	5.0	276.4	17.72	0.00
21	20	7	75	6.9	281.2	14.63	0.00
22	20	7	75	6.5	278.3	13.33	0.00
23	20	7	75	6.1	287.8	12.98	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	21	7	75	3.2	285.3	11.93	0.00
1	21	7	75	6.8	275.8	10.90	0.00
2	21	7	75	8.5	283.5	10.85	0.00
3	21	7	75	6.5	282.8	11.00	0.00
4	21	7	75	7.2	278.1	10.60	0.00
5	21	7	75	5.9	269.6	10.24	0.00
6	21	7	75	3.7	286.1	11.35	0.00
7	21	7	75	2.6	64.9	14.87	0.00
8	21	7	75	2.4	78.5	17.42	0.00
9	21	7	75	2.7	69.2	21.95	0.00
10	21	7	75	4.3	84.2	23.03	0.00
11	21	7	75	5.5	38.3	23.71	0.00
12	21	7	75	3.6	106.2	24.96	0.00
13	21	7	75	3.3	100.9	26.20	0.00
14	21	7	75	8.2	109.3	25.25	0.00
15	21	7	75	5.0	114.1	25.76	0.00
16	21	7	75	3.2	24.3	23.11	0.00
17	21	7	75	10.1	264.8	20.67	0.00
18	21	7	75	5.4	34.6	20.81	0.00
19	21	7	75	5.3	241.8	20.14	0.00
20	21	7	75	4.2	98.2	18.78	0.00
21	21	7	75	8.0	281.9	13.71	0.00
22	21	7	75	5.2	266.9	12.63	0.00
23	21	7	75	6.0	277.0	11.70	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	22	7	75	5.8	261.5	10.09	0.00
1	22	7	75	6.9	276.8	8.93	0.00
2	22	7	75	4.4	265.2	8.92	0.00
3	22	7	75	6.8	285.0	8.45	0.00
4	22	7	75	6.4	282.5	8.29	0.00
5	22	7	75	6.6	281.2	8.51	0.00
6	22	7	75	3.2	220.5	9.73	0.00
7	22	7	75	4.0	85.2	13.35	0.00
8	22	7	75	3.1	55.6	18.13	0.00
9	22	7	75	5.1	66.6	20.49	0.00
10	22	7	75	5.8	72.0	22.20	0.00
11	22	7	75	4.7	112.5	25.01	0.00
12	22	7	75	10.5	258.0	25.67	0.00
13	22	7	75	11.0	284.4	25.78	0.00
14	22	7	75	9.9	250.2	26.41	0.00
15	22	7	75	12.5	247.8	26.67	0.00
16	22	7	75	6.3	221.6	26.98	0.00
17	22	7	75	5.9	330.5	27.40	0.00
18	22	7	75	4.3	316.5	27.10	0.00
19	22	7	75	3.1	345.5	25.46	0.00
20	22	7	75	3.8	274.8	18.02	0.00
21	22	7	75	7.0	269.8	15.62	0.00
22	22	7	75	6.1	284.1	14.51	0.00
23	22	7	75	7.3	270.6	14.74	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	23	7	75	6.2	280.7	15.47	0.00
1	23	7	75	5.9	279.5	13.05	0.00
2	23	7	75	8.2	288.6	11.97	0.00
3	23	7	75	8.5	287.2	11.72	0.00
4	23	7	75	7.0	283.1	10.31	0.00
5	23	7	75	8.1	285.5	10.16	0.00
6	23	7	75	5.9	283.3	11.06	0.00
7	23	7	75	2.1	296.3	16.40	0.00
8	23	7	75	4.1	101.7	20.42	0.00
9	23	7	75	5.3	96.9	20.53	0.00
10	23	7	75	7.3	89.9	22.34	0.00
11	23	7	75	8.7	72.2	23.55	0.00
12	23	7	75	6.7	305.4	24.25	0.00
13	23	7	75	8.3	334.9	25.23	0.00
14	23	7	75	5.8	41.4	25.74	0.00
15	23	7	75	7.1	75.6	26.02	0.00
16	23	7	75	8.0	37.0	26.83	0.00
17	23	7	75	7.7	354.9	26.91	0.00
18	23	7	75	4.0	350.0	25.34	0.00
19	23	7	75	2.6	3.1	24.98	0.00
20	23	7	75	5.9	281.6	18.49	0.00
21	23	7	75	4.6	279.5	16.25	0.00
22	23	7	75	7.5	284.2	13.66	0.00
23	23	7	75	6.6	285.9	12.70	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	24	7	75	6.9	288.5	11.70	0.00
1	24	7	75	7.0	280.3	11.15	0.00
2	24	7	75	6.4	279.7	9.89	0.00
3	24	7	75	5.3	284.5	10.18	0.00
4	24	7	75	5.5	276.1	8.68	0.00
5	24	7	75	7.0	278.5	8.54	0.00
6	24	7	75	6.1	286.2	10.11	0.00
7	24	7	75	3.2	54.7	15.70	0.00
8	24	7	75	5.9	96.5	16.06	0.00
9	24	7	75	5.5	94.2	19.20	0.00
10	24	7	75	6.8	96.6	21.38	0.00
11	24	7	75	7.9	95.7	22.98	0.00
12	24	7	75	5.9	85.4	24.67	0.00
13	24	7	75	9.9	300.2	25.37	0.00
14	24	7	75	8.6	288.4	25.75	0.00
15	24	7	75	8.5	306.5	26.21	0.00
16	24	7	75	5.9	310.0	26.76	0.00
17	24	7	75	7.9	296.4	26.73	0.00
18	24	7	75	3.4	313.9	26.22	0.00
19	24	7	75	2.9	322.5	25.83	0.00
20	24	7	75	2.6	298.0	18.97	0.00
21	24	7	75	8.0	282.9	16.12	0.00
22	24	7	75	6.9	273.7	14.02	0.00
23	24	7	75	9.1	282.8	13.31	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	25	7	75	9.2	288.7	12.86	0.00
1	25	7	75	5.0	275.6	11.52	0.00
2	25	7	75	5.7	279.4	10.25	0.00
3	25	7	75	7.5	280.7	8.89	0.00
4	25	7	75	6.7	276.0	9.07	0.00
5	25	7	75	6.7	265.0	9.10	0.00
6	25	7	75	4.9	276.9	9.71	0.00
7	25	7	75	1.8	109.4	15.18	0.00
8	25	7	75	4.2	98.7	17.44	0.00
9	25	7	75	5.0	94.9	19.83	0.00
10	25	7	75	5.0	98.5	20.52	0.00
11	25	7	75	7.3	96.9	23.64	0.00
12	25	7	75	6.9	85.7	23.84	0.00
13	25	7	75	8.9	217.5	25.14	0.00
14	25	7	75	6.3	279.6	26.39	0.00
15	25	7	75	8.4	0.0	26.98	0.00
16	25	7	75	13.0	73.5	26.16	0.00
17	25	7	75	7.6	119.3	24.25	0.00
18	25	7	75	4.1	133.4	25.49	0.00
19	25	7	75	3.5	129.1	23.94	0.00
20	25	7	75	6.5	269.1	18.35	0.00
21	25	7	75	5.7	268.9	16.39	0.00
22	25	7	75	5.8	283.5	14.52	0.00
23	25	7	75	5.9	289.5	12.11	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	26	7	75	5.9	283.7	10.91	0.00
1	26	7	75	7.4	269.7	9.76	0.00
2	26	7	75	6.1	268.4	9.28	0.00
3	26	7	75	7.0	279.9	8.78	0.00
4	26	7	75	6.7	276.1	7.87	0.00
5	26	7	75	5.3	272.9	7.29	0.00
6	26	7	75	6.3	279.6	8.74	0.00
7	26	7	75	3.0	279.5	11.94	0.00
8	26	7	75	6.4	77.1	15.89	0.00
9	26	7	75	4.9	81.7	18.84	0.00
10	26	7	75	4.0	97.9	23.20	0.00
11	26	7	75	5.4	99.5	24.54	0.00
12	26	7	75	7.7	51.3	25.54	0.00
13	26	7	75	6.9	81.6	26.63	0.00
14	26	7	75	6.2	63.9	27.15	0.00
15	26	7	75	6.6	95.1	26.44	0.00
16	26	7	75	7.8	140.8	26.20	0.00
17	26	7	75	3.8	300.4	25.82	0.00
18	26	7	75	5.3	80.3	25.67	0.00
19	26	7	75	6.0	79.0	24.16	0.00
20	26	7	75	5.6	104.2	21.70	0.00
21	26	7	75	5.3	275.5	16.32	0.00
22	26	7	75	5.2	272.3	13.27	0.00
23	26	7	75	6.9	238.4	12.39	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	27	7	75	6.2	277.5	11.62	0.00
1	27	7	75	5.2	266.1	9.61	0.00
2	27	7	75	7.0	287.2	9.82	0.00
3	27	7	75	5.9	282.0	9.68	0.00
4	27	7	75	6.4	268.3	8.21	0.00
5	27	7	75	6.6	274.1	7.18	0.00
6	27	7	75	5.2	281.0	9.19	0.00
7	27	7	75	2.4	300.7	15.16	0.00
8	27	7	75	4.2	79.3	18.70	0.00
9	27	7	75	6.1	60.7	21.08	0.00
10	27	7	75	6.1	56.8	23.55	0.00
11	27	7	75	6.2	55.2	25.05	0.00
12	27	7	75	4.2	86.1	25.77	0.00
13	27	7	75	6.5	142.1	26.89	0.00
14	27	7	75	5.8	98.4	27.66	0.00
15	27	7	75	7.0	126.0	28.12	0.00
16	27	7	75	6.8	183.0	28.32	0.00
17	27	7	75	12.3	256.4	24.86	0.00
18	27	7	75	8.7	247.6	22.68	0.00
19	27	7	75	8.0	256.5	20.72	0.00
20	27	7	75	8.1	269.0	17.55	0.00
21	27	7	75	2.9	267.3	17.41	0.00
22	27	7	75	4.8	272.3	15.05	0.00
23	27	7	75	6.7	288.8	12.96	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	28	7	75	5.7	271.1	12.32	0.00
1	28	7	75	4.8	277.6	11.10	0.00
2	28	7	75	6.2	279.1	12.58	0.00
3	28	7	75	4.2	269.7	13.93	0.00
4	28	7	75	6.4	271.7	15.05	0.00
5	28	7	75	7.2	286.6	12.93	0.00
6	28	7	75	4.2	278.1	11.20	0.00
7	28	7	75	4.6	287.7	12.05	0.00
8	28	7	75	2.2	115.5	19.94	0.00
9	28	7	75	4.8	88.4	22.95	0.00
10	28	7	75	5.9	224.4	25.00	0.00
11	28	7	75	2.9	167.8	25.01	0.00
12	28	7	75	7.1	162.0	20.20	0.00
13	28	7	75	8.5	126.1	20.05	0.00
14	28	7	75	6.1	288.2	21.92	0.00
15	28	7	75	6.1	203.6	24.46	0.00
16	28	7	75	5.4	201.6	24.34	0.00
17	28	7	75	6.2	188.8	24.82	0.00
18	28	7	75	5.0	64.8	24.91	0.00
19	28	7	75	1.9	36.0	23.63	0.00
20	28	7	75	6.9	259.2	19.45	0.00
21	28	7	75	8.5	256.8	19.47	0.00
22	28	7	75	6.6	259.5	18.53	0.00
23	28	7	75	4.9	267.3	15.32	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	29	7	75	4.2	258.3	14.68	0.00
1	29	7	75	4.5	274.4	12.71	0.00
2	29	7	75	5.2	277.6	11.67	0.00
3	29	7	75	5.6	279.0	11.76	0.00
4	29	7	75	2.7	249.6	13.32	0.00
5	29	7	75	3.9	108.1	14.85	0.00
6	29	7	75	2.1	277.3	13.84	0.00
7	29	7	75	3.0	262.9	16.37	0.00
8	29	7	75	3.6	256.6	18.79	0.00
9	29	7	75	9.4	227.7	20.85	0.00
10	29	7	75	8.1	245.4	19.90	0.00
11	29	7	75	8.9	232.0	22.41	0.00
12	29	7	75	6.0	232.5	22.98	0.00
13	29	7	75	8.0	208.1	23.61	0.00
14	29	7	75	10.8	209.1	23.60	0.00
15	29	7	75	8.0	204.6	24.15	0.00
16	29	7	75	10.4	222.0	24.12	0.00
17	29	7	75	10.5	186.4	24.58	0.00
18	29	7	75	10.6	226.8	22.55	0.00
19	29	7	75	6.7	234.0	21.25	0.00
20	29	7	75	15.9	259.2	13.66	0.01
21	29	7	75	7.4	235.1	13.71	0.00
22	29	7	75	4.6	82.9	13.61	0.00
23	29	7	75	4.3	284.7	14.04	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	30	7	75	6.0	268.0	13.07	0.00
1	30	7	75	2.4	91.0	11.97	0.00
2	30	7	75	2.0	259.1	10.49	0.00
3	30	7	75	3.0	279.4	9.30	0.00
4	30	7	75	4.1	275.2	9.55	0.00
5	30	7	75	4.2	278.5	9.07	0.00
6	30	7	75	2.5	276.1	9.97	0.00
7	30	7	75	6.6	265.8	12.92	0.00
8	30	7	75	4.7	230.4	11.60	0.00
9	30	7	75	2.2	244.7	12.53	0.00
10	30	7	75	999.0	999.0	999.00	999.00
11	30	7	75	4.0	51.7	17.50	0.00
12	30	7	75	7.2	242.9	19.45	0.00
13	30	7	75	7.7	232.6	21.18	0.00
14	30	7	75	12.0	237.1	21.59	0.00
15	30	7	75	8.7	228.8	22.22	0.00
16	30	7	75	13.4	250.2	22.45	0.00
17	30	7	75	10.6	220.9	22.72	0.00
18	30	7	75	10.5	229.5	22.57	0.00
19	30	7	75	7.0	219.2	20.94	0.00
20	30	7	75	5.3	278.1	15.79	0.00
21	30	7	75	7.1	291.9	12.73	0.00
22	30	7	75	1.7	154.5	10.71	0.00
23	30	7	75	5.8	274.7	9.66	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	31	7	75	4.8	259.6	8.72	0.00
1	31	7	75	6.3	274.4	8.21	0.00
2	31	7	75	4.0	270.0	8.57	0.00
3	31	7	75	3.3	251.8	10.94	0.00
4	31	7	75	6.6	233.9	13.42	0.00
5	31	7	75	4.9	274.7	10.76	0.00
6	31	7	75	2.0	303.9	9.14	0.00
7	31	7	75	2.2	308.7	12.06	0.00
8	31	7	75	4.7	82.8	15.95	0.00
9	31	7	75	4.9	61.3	17.63	0.00
10	31	7	75	5.2	22.1	20.55	0.00
11	31	7	75	8.3	112.9	21.91	0.00
12	31	7	75	11.0	236.1	23.37	0.00
13	31	7	75	9.6	310.1	21.19	0.00
14	31	7	75	13.8	279.0	21.92	0.00
15	31	7	75	10.9	283.3	22.52	0.00
16	31	7	75	13.2	287.7	23.29	0.00
17	31	7	75	12.9	274.1	23.04	0.00
18	31	7	75	12.4	259.8	21.98	0.00
19	31	7	75	5.5	260.6	19.75	0.00
20	31	7	75	9.2	274.7	17.62	0.00
21	31	7	75	23.2	284.6	12.99	0.00
22	31	7	75	7.0	246.0	13.86	0.00
23	31	7	75	4.7	55.9	15.26	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	1	8	75	4.1	23.4	13.81	0.00
1	1	8	75	3.5	5.7	12.98	0.00
2	1	8	75	3.0	312.4	12.39	0.00
3	1	8	75	1.1	207.1	11.86	0.00
4	1	8	75	4.0	275.5	10.76	0.00
5	1	8	75	7.3	273.7	8.28	0.00
6	1	8	75	7.1	289.3	6.65	0.00
7	1	8	75	2.9	270.6	10.75	0.00
8	1	8	75	4.8	93.8	14.99	0.00
9	1	8	75	7.2	79.9	15.69	0.00
10	1	8	75	6.3	86.2	16.82	0.00
11	1	8	75	5.0	85.5	18.19	0.00
12	1	8	75	7.1	11.1	19.34	0.00
13	1	8	75	5.8	78.8	20.62	0.00
14	1	8	75	13.1	276.1	21.44	0.00
15	1	8	75	9.7	286.9	21.83	0.00
16	1	8	75	8.9	288.3	21.95	0.00
17	1	8	75	9.7	298.7	21.61	0.00
18	1	8	75	8.5	301.7	21.32	0.00
19	1	8	75	4.2	292.7	20.79	0.00
20	1	8	75	8.2	279.6	12.61	0.00
21	1	8	75	9.0	289.2	10.78	0.00
22	1	8	75	9.0	283.9	9.89	0.00
23	1	8	75	4.8	266.0	9.27	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	2	8	75	8.4	293.5	8.29	0.00
1	2	8	75	8.5	280.2	8.19	0.00
2	2	8	75	2.5	264.6	5.16	0.00
3	2	8	75	6.6	287.2	5.42	0.00
4	2	8	75	7.6	291.4	5.77	0.00
5	2	8	75	8.4	294.1	5.96	0.00
6	2	8	75	5.6	289.8	6.33	0.00
7	2	8	75	4.1	80.1	9.41	0.00
8	2	8	75	4.6	83.7	13.30	0.00
9	2	8	75	3.9	93.0	17.06	0.00
10	2	8	75	4.7	106.8	18.55	0.00
11	2	8	75	6.6	67.8	20.24	0.00
12	2	8	75	7.0	263.4	21.67	0.00
13	2	8	75	9.3	253.3	22.51	0.00
14	2	8	75	11.0	288.7	22.78	0.00
15	2	8	75	13.0	281.4	23.26	0.00
16	2	8	75	11.6	284.7	23.40	0.00
17	2	8	75	11.5	279.4	23.34	0.00
18	2	8	75	10.6	285.9	23.05	0.00
19	2	8	75	6.2	276.3	19.61	0.00
20	2	8	75	7.0	296.7	13.72	0.00
21	2	8	75	6.4	288.6	13.41	0.00
22	2	8	75	2.0	245.4	10.52	0.00
23	2	8	75	7.7	272.6	9.36	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	3	8	75	8.1	277.4	8.58	0.00
1	3	8	75	8.0	284.1	9.48	0.00
2	3	8	75	8.0	287.5	8.67	0.00
3	3	8	75	4.4	269.2	6.23	0.00
4	3	8	75	6.0	273.7	5.21	0.00
5	3	8	75	5.9	289.3	5.40	0.00
6	3	8	75	6.2	281.0	6.59	0.00
7	3	8	75	2.0	277.0	12.14	0.00
8	3	8	75	4.5	85.6	14.98	0.00
9	3	8	75	5.2	68.3	18.91	0.00
10	3	8	75	4.3	65.0	21.05	0.00
11	3	8	75	7.1	157.5	22.32	0.00
12	3	8	75	8.2	318.0	23.00	0.00
13	3	8	75	8.0	329.2	23.59	0.00
14	3	8	75	8.9	245.0	23.94	0.00
15	3	8	75	8.6	282.3	24.28	0.00
16	3	8	75	7.1	337.1	25.05	0.00
17	3	8	75	8.4	261.6	24.82	0.00
18	3	8	75	4.9	268.4	24.51	0.00
19	3	8	75	4.8	279.5	21.40	0.00
20	3	8	75	9.6	286.7	14.66	0.00
21	3	8	75	8.9	289.2	12.74	0.00
22	3	8	75	9.3	292.8	11.82	0.00
23	3	8	75	7.4	283.5	10.77	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	4	8	75	9.4	289.9	9.79	0.00
1	4	8	75	8.5	288.0	9.74	0.00
2	4	8	75	5.9	230.5	8.76	0.00
3	4	8	75	3.7	270.5	5.55	0.00
4	4	8	75	4.8	272.3	3.47	0.00
5	4	8	75	8.4	277.1	5.20	0.00
6	4	8	75	4.9	270.7	7.14	0.00
7	4	8	75	1.8	276.0	12.59	0.00
8	4	8	75	5.5	87.4	14.87	0.00
9	4	8	75	5.8	89.1	18.67	0.00
10	4	8	75	6.4	84.9	22.27	0.00
11	4	8	75	6.1	296.5	25.27	0.00
12	4	8	75	6.5	292.7	26.05	0.00
13	4	8	75	9.7	285.8	26.30	0.00
14	4	8	75	9.4	276.1	26.85	0.00
15	4	8	75	8.7	304.5	27.41	0.00
16	4	8	75	9.2	313.1	27.66	0.00
17	4	8	75	4.2	263.0	27.65	0.00
18	4	8	75	4.5	275.0	27.34	0.00
19	4	8	75	4.5	279.8	22.93	0.00
20	4	8	75	7.7	281.5	16.18	0.00
21	4	8	75	8.6	286.4	14.97	0.00
22	4	8	75	9.1	280.7	14.43	0.00
23	4	8	75	8.2	284.9	13.31	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	5	8	75	7.1	288.6	12.53	0.00
1	5	8	75	4.5	279.0	10.12	0.00
2	5	8	75	4.8	262.7	7.71	0.00
3	5	8	75	5.6	274.7	7.07	0.00
4	5	8	75	6.5	271.8	7.05	0.00
5	5	8	75	7.0	272.0	7.29	0.00
6	5	8	75	6.2	266.9	8.74	0.00
7	5	8	75	1.0	207.4	14.21	0.00
8	5	8	75	5.1	83.7	18.57	0.00
9	5	8	75	3.8	70.7	22.99	0.00
10	5	8	75	5.1	31.3	26.58	0.00
11	5	8	75	8.4	269.4	27.75	0.00
12	5	8	75	9.2	275.1	28.23	0.00
13	5	8	75	7.1	253.2	27.51	0.00
14	5	8	75	10.0	253.4	28.76	0.00
15	5	8	75	10.9	256.7	28.67	0.00
16	5	8	75	6.0	249.6	27.31	0.00
17	5	8	75	8.1	220.3	28.25	0.00
18	5	8	75	9.5	257.2	27.23	0.00
19	5	8	75	7.1	256.2	24.37	0.00
20	5	8	75	8.6	286.1	17.55	0.00
21	5	8	75	7.7	274.6	16.61	0.00
22	5	8	75	6.6	283.8	16.16	0.00
23	5	8	75	6.3	274.9	15.50	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	5	8	75	7.1	288.6	12.53	0.00
1	5	8	75	4.5	279.0	10.12	0.00
2	5	8	75	4.8	262.7	7.71	0.00
3	5	8	75	5.6	274.7	7.07	0.00
4	5	8	75	6.5	271.8	7.05	0.00
5	5	8	75	7.0	272.0	7.29	0.00
6	5	8	75	6.2	266.9	8.74	0.00
7	5	8	75	1.0	207.4	14.21	0.00
8	5	8	75	5.1	83.7	18.57	0.00
9	5	8	75	3.8	70.7	22.99	0.00
10	5	8	75	5.1	31.3	26.58	0.00
11	5	8	75	8.4	269.4	27.75	0.00
12	5	8	75	9.2	275.1	28.23	0.00
13	5	8	75	7.1	253.2	27.51	0.00
14	5	8	75	10.0	253.4	28.76	0.00
15	5	8	75	10.9	256.7	28.67	0.00
16	5	8	75	6.0	249.6	27.31	0.00
17	5	8	75	8.1	220.3	28.25	0.00
18	5	8	75	9.5	257.2	27.23	0.00
19	5	8	75	7.1	256.2	24.37	0.00
20	5	8	75	8.6	286.1	17.55	0.00
21	5	8	75	7.7	274.6	16.61	0.00
22	5	8	75	6.6	283.8	16.16	0.00
23	5	8	75	6.3	274.9	15.50	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	6	8	75	7.9	273.2	15.41	0.00
1	6	8	75	9.0	282.7	14.63	0.00
2	6	8	75	4.1	262.2	12.80	0.00
3	6	8	75	6.4	283.8	10.56	0.00
4	6	8	75	2.9	312.0	8.84	0.00
5	6	8	75	2.0	297.2	9.09	0.00
6	6	8	75	4.1	280.1	10.00	0.00
7	6	8	75	1.3	94.2	15.99	0.00
8	6	8	75	7.6	84.9	19.66	0.00
9	6	8	75	8.0	76.2	23.32	0.00
10	6	8	75	8.7	245.8	27.01	0.00
11	6	8	75	8.0	267.0	26.56	0.00
12	6	8	75	7.9	259.2	26.32	0.00
13	6	8	75	15.0	260.5	23.69	0.00
14	6	8	75	9.9	257.6	25.64	0.00
15	6	8	75	10.6	241.0	27.58	0.00
16	6	8	75	8.6	231.4	27.09	0.00
17	6	8	75	10.5	246.5	28.20	0.00
18	6	8	75	6.8	267.4	27.29	0.00
19	6	8	75	9.5	251.6	25.57	0.00
20	6	8	75	7.5	265.8	20.84	0.00
21	6	8	75	6.5	274.8	18.22	0.00
22	6	8	75	7.4	279.3	16.26	0.00
23	6	8	75	6.9	277.6	15.53	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOG.CAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	7	8	75	6.0	275.3	15.74	0.00
1	7	8	75	2.6	262.0	13.83	0.00
2	7	8	75	2.4	224.9	13.20	0.00
3	7	8	75	4.5	270.8	11.42	0.00
4	7	8	75	1.8	275.6	10.35	0.00
5	7	8	75	1.8	92.1	13.39	0.00
6	7	8	75	8.5	253.8	17.95	0.00
7	7	8	75	6.8	251.1	21.73	0.00
8	7	8	75	11.9	232.0	23.81	0.00
9	7	8	75	14.3	236.3	25.36	0.00
10	7	8	75	13.5	228.0	25.72	0.00
11	7	8	75	12.9	249.7	26.32	0.00
12	7	8	75	15.3	243.2	27.08	0.00
13	7	8	75	9.2	230.1	27.34	0.00
14	7	8	75	6.9	253.0	26.53	0.00
15	7	8	75	12.5	230.0	28.25	0.00
16	7	8	75	11.4	240.9	28.49	0.00
17	7	8	75	16.1	298.6	26.69	0.00
18	7	8	75	7.2	189.7	25.24	0.00
19	7	8	75	6.9	228.1	23.85	0.00
20	7	8	75	4.7	256.1	20.59	0.00
21	7	8	75	10.3	256.0	21.41	0.00
22	7	8	75	6.3	75.8	18.80	0.00
23	7	8	75	7.3	272.2	13.68	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	8	8	75	8.1	290.6	11.84	0.00
1	8	8	75	7.9	293.8	10.71	0.00
2	8	8	75	7.9	287.1	9.90	0.00
3	8	8	75	8.4	288.7	9.59	0.00
4	8	8	75	8.7	290.1	8.73	0.00
5	8	8	75	7.5	286.7	6.90	0.00
6	8	8	75	7.4	287.3	7.77	0.00
7	8	8	75	3.8	297.6	12.81	0.00
8	8	8	75	5.3	80.9	16.13	0.00
9	8	8	75	4.7	93.3	19.03	0.00
10	8	8	75	4.4	80.4	21.85	0.00
11	8	8	75	4.9	43.5	24.86	0.00
12	8	8	75	10.0	272.0	26.19	0.00
13	8	8	75	11.7	251.6	26.29	0.00
14	8	8	75	10.1	300.0	26.82	0.00
15	8	8	75	7.2	290.5	27.19	0.00
16	8	8	75	12.0	287.5	27.21	0.00
17	8	8	75	10.7	296.3	27.16	0.00
18	8	8	75	9.5	301.9	27.08	0.00
19	8	8	75	6.1	299.8	25.02	0.00
20	8	8	75	5.4	282.0	18.38	0.00
21	8	8	75	2.9	306.6	14.21	0.00
22	8	8	75	9.2	278.2	12.76	0.00
23	8	8	75	9.4	286.2	13.63	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	9	8	75	9.2	285.2	12.96	0.00
1	9	8	75	9.1	289.5	12.10	0.00
2	9	8	75	6.8	284.0	12.73	0.00
3	9	8	75	7.2	287.3	11.52	0.00
4	9	8	75	5.5	283.4	10.39	0.00
5	9	8	75	6.7	277.9	7.79	0.00
6	9	8	75	4.6	280.3	8.33	0.00
7	9	8	75	4.3	290.4	13.70	0.00
8	9	8	75	3.7	90.6	17.95	0.00
9	9	8	75	6.2	85.7	20.53	0.00
10	9	8	75	4.7	103.3	22.63	0.00
11	9	8	75	3.9	110.7	24.62	0.00
12	9	8	75	4.6	276.3	26.43	0.00
13	9	8	75	7.6	0.7	27.22	0.00
14	9	8	75	9.7	235.6	27.86	0.00
15	9	8	75	8.5	267.2	28.20	0.00
16	9	8	75	9.6	294.3	28.02	0.00
17	9	8	75	7.7	295.2	27.89	0.00
18	9	8	75	5.6	343.6	27.47	0.00
19	9	8	75	4.8	276.3	22.63	0.00
20	9	8	75	7.4	277.6	18.38	0.00
21	9	8	75	8.1	283.1	16.70	0.00
22	9	8	75	8.4	290.5	16.12	0.00
23	9	8	75	6.1	279.3	15.56	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	10	8	75	9.0	290.0	14.59	0.00
1	10	8	75	8.5	285.4	13.73	0.00
2	10	8	75	3.2	266.1	12.39	0.00
3	10	8	75	5.2	260.2	9.72	0.00
4	10	8	75	8.2	273.9	9.68	0.00
5	10	8	75	6.6	270.1	7.86	0.00
6	10	8	75	6.7	272.4	10.12	0.00
7	10	8	75	2.0	151.9	13.85	0.00
8	10	8	75	2.5	104.9	19.52	0.00
9	10	8	75	3.9	81.6	23.42	0.00
10	10	8	75	8.4	255.7	25.92	0.00
11	10	8	75	7.0	247.4	26.86	0.00
12	10	8	75	8.7	268.2	27.21	0.00
13	10	8	75	7.5	242.6	26.73	0.00
14	10	8	75	17.2	212.3	24.04	999.00
15	10	8	75	5.9	224.7	23.04	0.00
16	10	8	75	9.0	125.4	23.19	0.00
17	10	8	75	6.3	120.6	22.98	0.00
18	10	8	75	2.3	350.7	21.81	0.00
19	10	8	75	7.1	248.8	19.80	0.00
20	10	8	75	5.6	258.1	18.47	0.00
21	10	8	75	2.8	273.3	16.55	0.00
22	10	8	75	4.4	265.6	16.64	0.00
23	10	8	75	2.6	311.9	16.66	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	11	8	75	4.9	85.7	15.36	0.00
1	11	8	75	3.4	59.2	16.84	0.00
2	11	8	75	3.3	143.3	17.30	0.00
3	11	8	75	4.6	83.3	15.92	0.00
4	11	8	75	2.1	34.2	14.74	0.00
5	11	8	75	5.6	277.7	15.80	0.00
6	11	8	75	9.9	236.5	19.20	0.00
7	11	8	75	5.9	248.0	19.74	0.00
8	11	8	75	5.3	262.7	21.09	0.00
9	11	8	75	11.2	254.5	21.16	0.00
10	11	8	75	8.9	286.8	21.76	0.00
11	11	8	75	9.6	283.4	21.82	0.00
12	11	8	75	7.2	294.8	22.17	0.00
13	11	8	75	7.7	246.9	21.77	0.00
14	11	8	75	10.2	166.6	20.95	0.00
15	11	8	75	8.5	162.5	21.69	0.00
16	11	8	75	9.9	116.7	21.79	0.00
17	11	8	75	8.1	134.0	21.28	0.00
18	11	8	75	2.2	144.6	20.86	0.00
19	11	8	75	1.9	41.5	18.78	0.00
20	11	8	75	23.5	283.3	13.82	0.03
21	11	8	75	3.2	141.2	13.14	0.00
22	11	8	75	3.8	91.1	12.43	0.00
23	11	8	75	4.4	240.1	11.58	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	12	8	75	5.2	282.0	9.28	0.00
1	12	8	75	7.8	280.3	8.73	0.00
2	12	8	75	7.9	281.7	8.72	0.00
3	12	8	75	4.7	270.7	7.94	0.00
4	12	8	75	3.7	276.0	6.22	0.00
5	12	8	75	5.7	281.0	5.00	0.00
6	12	8	75	6.2	275.8	6.17	0.00
7	12	8	75	1.5	97.7	10.67	0.00
8	12	8	75	3.3	83.5	14.01	0.00
9	12	8	75	4.4	95.1	16.77	0.00
10	12	8	75	3.5	94.3	19.91	0.00
11	12	8	75	4.8	184.5	21.89	0.00
12	12	8	75	6.3	82.8	22.73	0.00
13	12	8	75	5.0	256.2	23.43	0.01
14	12	8	75	5.4	313.9	22.94	0.00
15	12	8	75	8.0	214.1	22.50	0.00
16	12	8	75	8.1	217.5	21.38	0.00
17	12	8	75	14.7	309.9	19.66	0.00
18	12	8	75	4.6	345.2	17.98	0.00
19	12	8	75	5.4	77.3	16.48	0.00
20	12	8	75	2.6	292.4	15.46	0.00
21	12	8	75	5.7	261.2	14.54	0.00
22	12	8	75	999.0	999.0	999.00	999.00
23	12	8	75	5.6	284.6	11.97	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	13	8	75	6.2	280.3	11.37	0.00
1	13	8	75	5.3	269.3	10.29	0.00
2	13	8	75	4.5	276.9	9.33	0.00
3	13	8	75	5.1	270.8	7.92	0.00
4	13	8	75	5.4	276.8	6.66	0.00
5	13	8	75	5.7	269.3	5.96	0.00
6	13	8	75	2.7	256.3	7.21	0.00
7	13	8	75	2.2	257.3	8.89	0.00
8	13	8	75	2.9	91.2	12.91	0.00
9	13	8	75	4.9	81.5	15.01	0.00
10	13	8	75	3.7	82.4	19.46	0.00
11	13	8	75	10.4	274.0	20.49	0.00
12	13	8	75	11.9	286.5	19.65	0.00
13	13	8	75	3.3	258.8	19.35	0.00
14	13	8	75	8.4	279.3	20.45	0.00
15	13	8	75	10.2	282.6	21.40	0.00
16	13	8	75	8.3	329.3	20.11	0.00
17	13	8	75	21.2	259.2	15.54	0.00
18	13	8	75	14.4	253.0	11.64	0.00
19	13	8	75	6.4	267.7	12.84	0.00
20	13	8	75	3.2	225.8	11.06	0.00
21	13	8	75	5.4	286.8	9.56	0.00
22	13	8	75	4.9	259.7	8.97	0.00
23	13	8	75	7.4	288.6	7.37	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	14	8	75	5.1	279.9	6.35	0.00
1	14	8	75	5.2	231.3	7.13	0.00
2	14	8	75	2.4	281.3	5.40	0.00
3	14	8	75	4.9	273.5	5.30	0.00
4	14	8	75	2.7	250.6	5.26	0.00
5	14	8	75	5.2	270.9	6.80	0.00
6	14	8	75	3.6	271.8	8.19	0.00
7	14	8	75	2.8	93.4	11.43	0.00
8	14	8	75	2.0	48.7	14.98	0.00
9	14	8	75	4.2	75.2	18.41	0.00
10	14	8	75	5.6	209.2	19.81	0.00
11	14	8	75	5.5	246.3	20.96	0.00
12	14	8	75	13.0	277.2	20.53	0.00
13	14	8	75	9.9	249.2	17.26	0.00
14	14	8	75	9.9	249.2	17.26	0.00
15	14	8	75	9.9	249.2	17.26	0.00
16	14	8	75	9.9	249.2	17.26	0.00
17	14	8	75	9.9	249.2	17.26	0.00
18	14	8	75	9.9	249.2	17.26	0.00
19	14	8	75	9.9	249.2	17.26	0.00
20	14	8	75	9.9	249.2	17.26	0.00
21	14	8	75	9.9	249.2	17.26	0.00
22	14	8	75	6.8	254.1	13.76	0.07
23	14	8	75	6.8	254.1	13.76	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	15	8	75	6.8	254.1	13.76	0.00
1	15	8	75	6.8	254.1	13.76	0.00
2	15	8	75	6.8	254.1	13.76	0.00
3	15	8	75	6.8	254.1	13.76	0.00
4	15	8	75	6.8	254.1	13.76	0.00
5	15	8	75	6.8	254.1	13.76	0.00
6	15	8	75	6.8	254.1	13.76	0.00
7	15	8	75	6.8	254.1	13.76	0.00
8	15	8	75	6.8	254.1	13.76	0.00
9	15	8	75	3.0	99.3	14.66	0.00
10	15	8	75	4.3	91.4	17.82	0.00
11	15	8	75	6.8	254.1	13.76	0.00
12	15	8	75	6.8	254.1	13.76	0.00
13	15	8	75	6.8	254.1	13.76	0.00
14	15	8	75	8.7	245.3	20.01	0.00
15	15	8	75	12.8	259.2	21.38	0.00
16	15	8	75	9.1	182.7	21.63	0.00
17	15	8	75	6.2	242.3	22.57	0.00
18	15	8	75	4.1	248.3	21.53	0.00
19	15	8	75	5.8	286.1	17.34	0.00
20	15	8	75	9.2	278.2	13.97	0.00
21	15	8	75	7.8	276.9	11.91	0.00
22	15	8	75	6.1	284.6	11.86	0.00
23	15	8	75	6.9	272.9	10.53	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	16	8	75	6.7	277.8	9.63	0.00
1	16	8	75	7.0	287.3	9.37	0.00
2	16	8	75	7.3	281.4	8.59	0.00
3	16	8	75	7.1	274.8	7.29	0.00
4	16	8	75	6.6	281.7	6.96	0.00
5	16	8	75	3.6	269.8	7.40	0.00
6	16	8	75	3.2	253.3	8.43	0.00
7	16	8	75	4.7	47.7	10.43	0.00
8	16	8	75	1.9	133.0	12.38	0.00
9	16	8	75	5.8	83.2	17.61	0.00
10	16	8	75	5.6	61.0	19.96	0.00
11	16	8	75	6.3	62.3	22.53	0.00
12	16	8	75	8.1	275.7	22.71	0.00
13	16	8	75	10.2	276.5	22.38	0.00
14	16	8	75	9.0	308.8	21.21	0.00
15	16	8	75	11.0	277.2	20.46	0.00
16	16	8	75	4.6	274.8	21.58	0.00
17	16	8	75	7.2	231.2	23.04	0.00
18	16	8	75	6.6	222.8	20.64	0.00
19	16	8	75	6.7	241.1	16.97	0.02
20	16	8	75	8.9	266.4	11.53	0.00
21	16	8	75	7.4	274.8	11.29	0.00
22	16	8	75	7.7	278.3	10.69	0.00
23	16	8	75	5.0	270.6	10.13	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	17	8	75	999.0	999.0	999.00	999.00
1	17	8	75	6.9	281.4	7.35	0.00
2	17	8	75	5.9	270.5	7.27	0.00
3	17	8	75	7.5	271.3	5.91	0.00
4	17	8	75	5.3	270.0	5.97	0.00
5	17	8	75	7.3	280.6	5.72	0.00
6	17	8	75	5.8	274.0	5.75	0.00
7	17	8	75	1.4	270.8	10.59	0.00
8	17	8	75	3.8	88.6	16.13	0.00
9	17	8	75	9.5	247.4	20.41	0.00
10	17	8	75	8.2	228.2	21.77	0.00
11	17	8	75	8.5	268.7	22.89	0.00
12	17	8	75	11.3	256.0	23.32	0.00
13	17	8	75	11.0	224.5	23.90	0.00
14	17	8	75	10.7	246.3	24.22	0.00
15	17	8	75	12.0	217.4	24.38	0.00
16	17	8	75	10.2	223.3	24.92	0.00
17	17	8	75	9.5	232.7	24.72	0.00
18	17	8	75	11.1	238.4	24.20	0.00
19	17	8	75	5.4	255.4	21.28	0.00
20	17	8	75	6.9	276.1	15.27	0.00
21	17	8	75	7.3	281.3	13.93	0.00
22	17	8	75	7.1	280.4	13.72	0.00
23	17	8	75	4.6	268.1	12.74	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	18	8	75	5.5	268.5	10.16	0.00
1	18	8	75	2.1	252.9	9.22	0.00
2	18	8	75	3.4	264.4	7.93	0.00
3	18	8	75	5.6	271.8	6.67	0.00
4	18	8	75	3.4	252.9	6.49	0.00
5	18	8	75	2.3	218.8	4.98	0.00
6	18	8	75	1.7	265.8	6.32	0.00
7	18	8	75	3.7	77.7	12.63	0.00
8	18	8	75	8.2	220.1	20.89	0.00
9	18	8	75	10.4	198.7	22.04	0.00
10	18	8	75	10.8	205.8	23.45	0.00
11	18	8	75	13.6	228.4	23.73	0.00
12	18	8	75	12.4	231.2	23.86	0.00
13	18	8	75	11.9	218.2	24.44	0.00
14	18	8	75	14.7	243.7	25.06	0.00
15	18	8	75	15.8	238.5	25.40	0.00
16	18	8	75	11.4	215.6	25.39	0.00
17	18	8	75	12.9	234.5	25.37	0.00
18	18	8	75	8.9	215.4	24.96	0.00
19	18	8	75	7.7	255.5	21.40	0.00
20	18	8	75	7.7	283.7	14.80	0.00
21	18	8	75	999.0	999.0	999.00	999.00
22	18	8	75	8.7	271.6	11.26	0.00
23	18	8	75	7.4	285.6	10.64	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	19	8	75	7.3	266.6	10.11	0.00
1	19	8	75	9.3	278.3	9.80	0.00
2	19	8	75	7.6	271.9	9.10	0.00
3	19	8	75	5.6	284.1	7.70	0.00
4	19	8	75	6.3	277.4	8.45	0.00
5	19	8	75	6.4	271.0	5.42	0.00
6	19	8	75	7.5	282.4	5.96	0.00
7	19	8	75	3.8	265.5	11.94	0.00
8	19	8	75	6.6	171.3	19.18	0.00
9	19	8	75	11.7	238.2	20.21	0.00
10	19	8	75	14.2	228.2	21.15	0.00
11	19	8	75	14.5	261.2	21.77	0.00
12	19	8	75	9.8	254.7	21.99	0.00
13	19	8	75	16.8	232.5	23.09	0.00
14	19	8	75	12.9	215.6	23.80	0.00
15	19	8	75	15.6	249.5	23.62	0.00
16	19	8	75	15.0	245.4	23.27	0.00
17	19	8	75	8.3	227.8	22.43	0.00
18	19	8	75	6.7	198.7	21.79	0.00
19	19	8	75	3.3	209.8	20.65	0.00
20	19	8	75	5.6	270.2	16.26	0.00
21	19	8	75	5.0	275.0	14.41	0.00
22	19	8	75	6.5	280.6	13.57	0.00
23	19	8	75	7.6	258.2	14.71	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	20	8	75	5.5	286.1	13.86	0.00
1	20	8	75	1.7	204.1	12.32	0.00
2	20	8	75	5.2	267.2	11.54	0.00
3	20	8	75	5.2	275.6	11.75	0.00
4	20	8	75	5.7	283.7	11.07	0.00
5	20	8	75	6.2	284.3	10.80	0.00
6	20	8	75	5.8	275.2	10.92	0.00
7	20	8	75	6.1	280.7	12.98	0.00
8	20	8	75	1.4	150.9	15.49	0.00
9	20	8	75	4.7	80.3	16.66	0.00
10	20	8	75	7.7	66.6	18.10	0.00
11	20	8	75	4.7	116.7	20.48	0.00
12	20	8	75	5.0	252.6	21.85	0.00
13	20	8	75	13.0	267.7	20.40	0.00
14	20	8	75	11.4	268.4	20.80	0.00
15	20	8	75	6.2	84.5	20.12	0.00
16	20	8	75	4.0	48.7	20.55	0.00
17	20	8	75	2.4	305.2	20.89	0.00
18	20	8	75	4.6	221.8	19.80	0.00
19	20	8	75	7.2	250.4	18.58	0.00
20	20	8	75	9.5	266.1	17.20	0.00
21	20	8	75	11.2	254.0	15.68	0.00
22	20	8	75	9.6	246.8	14.41	0.00
23	20	8	75	6.3	250.4	13.91	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	21	8	75	3.6	264.5	11.47	0.00
1	21	8	75	4.6	269.1	11.28	0.00
2	21	8	75	3.7	253.2	10.78	0.00
3	21	8	75	2.2	235.4	10.41	0.00
4	21	8	75	4.4	287.2	10.12	0.00
5	21	8	75	3.8	280.2	10.47	0.00
6	21	8	75	3.1	274.6	10.47	0.00
7	21	8	75	2.7	272.1	11.25	0.00
8	21	8	75	1.4	306.7	14.29	0.00
9	21	8	75	5.4	218.6	17.19	0.00
10	21	8	75	7.8	214.5	18.89	0.00
11	21	8	75	10.2	218.5	19.98	0.00
12	21	8	75	10.7	231.6	20.55	0.00
13	21	8	75	11.4	240.7	20.03	0.00
14	21	8	75	13.7	236.7	18.58	999.00
15	21	8	75	6.3	209.2	17.61	0.00
16	21	8	75	6.2	214.3	19.04	0.00
17	21	8	75	5.6	237.3	19.09	0.00
18	21	8	75	8.2	243.1	19.23	0.00
19	21	8	75	3.7	210.4	17.38	0.00
20	21	8	75	6.3	264.9	12.74	0.00
21	21	8	75	5.3	288.1	10.12	0.00
22	21	8	75	4.3	278.8	8.79	0.00
23	21	8	75	2.5	68.3	8.30	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	22	8	75	6.8	286.4	7.41	0.00
1	22	8	75	6.8	280.5	7.49	0.00
2	22	8	75	5.6	273.0	7.14	0.00
3	22	8	75	6.0	285.3	8.05	0.00
4	22	8	75	2.4	245.3	6.93	0.00
5	22	8	75	3.9	259.7	5.35	0.00
6	22	8	75	2.9	245.9	7.20	0.00
7	22	8	75	2.5	75.5	8.83	0.00
8	22	8	75	3.7	77.2	15.57	0.00
9	22	8	75	8.3	229.0	18.63	0.00
10	22	8	75	14.1	230.7	19.64	0.00
11	22	8	75	15.6	224.2	20.37	0.00
12	22	8	75	15.9	296.6	17.93	0.00
13	22	8	75	12.5	266.3	18.92	0.00
14	22	8	75	16.9	263.5	18.27	0.00
15	22	8	75	15.7	239.9	18.98	0.00
16	22	8	75	9.3	217.7	20.96	0.00
17	22	8	75	11.3	247.5	21.19	0.00
18	22	8	75	8.4	253.5	20.19	0.01
19	22	8	75	5.2	259.4	17.92	0.00
20	22	8	75	7.4	267.8	13.09	0.00
21	22	8	75	7.1	285.3	11.50	0.00
22	22	8	75	7.0	282.9	11.01	0.00
23	22	8	75	5.1	288.8	10.78	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	23	8	75	7.5	266.2	11.03	0.00
1	23	8	75	2.0	262.4	10.20	0.00
2	23	8	75	6.0	282.1	9.67	0.00
3	23	8	75	6.9	277.9	9.34	0.00
4	23	8	75	7.1	282.8	8.03	0.00
5	23	8	75	8.0	273.8	7.31	0.00
6	23	8	75	7.8	281.4	6.55	0.00
7	23	8	75	5.0	282.9	11.67	0.00
8	23	8	75	6.1	240.8	19.37	0.00
9	23	8	75	9.2	223.2	20.47	0.00
10	23	8	75	14.3	231.8	21.40	0.00
11	23	8	75	16.4	240.5	22.35	0.00
12	23	8	75	15.1	281.2	19.99	0.00
13	23	8	75	15.4	276.2	19.85	0.00
14	23	8	75	12.1	230.1	22.73	0.00
15	23	8	75	13.3	218.7	24.20	0.00
16	23	8	75	14.9	237.6	24.42	0.00
17	23	8	75	12.1	224.1	23.47	0.00
18	23	8	75	10.9	237.5	23.37	0.00
19	23	8	75	6.9	233.8	21.32	0.00
20	23	8	75	7.2	284.2	15.27	0.00
21	23	8	75	7.3	282.3	13.21	0.00
22	23	8	75	6.0	270.3	15.49	0.00
23	23	8	75	5.9	278.0	14.21	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	24	8	75	6.3	276.6	11.75	0.00
1	24	8	75	8.4	291.2	10.24	0.00
2	24	8	75	6.7	286.2	9.48	0.00
3	24	8	75	6.8	282.3	8.37	0.00
4	24	8	75	6.1	287.1	9.05	0.00
5	24	8	75	7.1	300.4	8.10	0.00
6	24	8	75	6.4	284.8	6.34	0.00
7	24	8	75	4.4	232.6	10.63	0.00
8	24	8	75	7.7	254.7	18.61	0.00
9	24	8	75	15.7	264.5	19.66	0.00
10	24	8	75	12.0	282.9	19.84	0.00
11	24	8	75	11.8	290.0	20.32	0.00
12	24	8	75	14.1	262.8	21.14	0.00
13	24	8	75	19.0	280.9	21.19	0.00
14	24	8	75	19.0	282.7	21.68	0.00
15	24	8	75	20.4	274.9	21.49	0.00
16	24	8	75	1.0	359.5	21.39	0.00
17	24	8	75	16.8	281.4	999.00	0.00
18	24	8	75	12.5	287.2	999.00	0.00
19	24	8	75	6.8	284.6	999.00	0.00
20	24	8	75	3.5	296.4	999.00	0.00
21	24	8	75	6.1	303.6	999.00	0.00
22	24	8	75	6.5	281.6	999.00	0.00
23	24	8	75	5.7	276.4	999.00	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	25	8	75	8.8	276.2	999.00	0.00
1	25	8	75	8.2	278.4	999.00	0.00
2	25	8	75	8.3	291.3	999.00	0.00
3	25	8	75	8.0	287.8	999.00	0.00
4	25	8	75	8.3	280.9	999.00	0.00
5	25	8	75	7.7	278.4	999.00	0.00
6	25	8	75	6.9	286.8	999.00	0.00
7	25	8	75	2.5	86.5	999.00	0.00
8	25	8	75	4.8	70.4	999.00	0.00
9	25	8	75	3.7	95.5	999.00	0.00
10	25	8	75	9.5	282.9	999.00	0.00
11	25	8	75	13.9	264.8	999.00	0.00
12	25	8	75	11.8	286.4	999.00	0.00
13	25	8	75	12.0	262.6	999.00	0.00
14	25	8	75	11.5	266.0	999.00	0.00
15	25	8	75	10.5	259.6	999.00	0.00
16	25	8	75	8.6	272.6	999.00	0.00
17	25	8	75	10.2	263.1	999.00	0.00
18	25	8	75	7.6	277.9	999.00	0.00
19	25	8	75	5.3	274.0	999.00	0.00
20	25	8	75	7.8	270.3	999.00	0.00
21	25	8	75	7.0	271.1	999.00	0.00
22	25	8	75	7.2	283.5	999.00	0.00
23	25	8	75	6.6	272.1	999.00	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	26	8	75	7.7	283.1	999.00	0.00
1	26	8	75	8.3	277.2	999.00	0.00
2	26	8	75	5.6	324.8	999.00	0.00
3	26	8	75	8.2	273.3	999.00	0.00
4	26	8	75	3.0	265.5	999.00	0.00
5	26	8	75	8.3	276.6	999.00	0.00
6	26	8	75	6.0	272.3	999.00	0.00
7	26	8	75	1.6	78.1	999.00	0.00
8	26	8	75	5.2	80.9	999.00	0.00
9	26	8	75	3.3	60.7	999.00	0.00
10	26	8	75	999.0	999.0	999.00	0.00
11	26	8	75	5.2	240.9	999.00	0.00
12	26	8	75	10.7	269.7	999.00	0.00
13	26	8	75	10.3	218.3	999.00	0.00
14	26	8	75	8.0	202.9	999.00	0.00
15	26	8	75	9.0	219.6	999.00	0.00
16	26	8	75	10.7	215.2	999.00	0.00
17	26	8	75	9.7	222.1	999.00	0.00
18	26	8	75	10.0	242.5	999.00	0.00
19	26	8	75	7.9	262.6	999.00	0.00
20	26	8	75	6.3	277.8	999.00	0.00
21	26	8	75	7.5	272.7	999.00	0.00
22	26	8	75	7.3	273.4	999.00	0.00
23	26	8	75	2.4	106.0	999.00	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	27	8	75	7.7	282.9	999.00	0.00
1	27	8	75	7.5	284.4	999.00	0.00
2	27	8	75	5.5	257.8	999.00	0.00
3	27	8	75	7.2	277.0	999.00	0.00
4	27	8	75	6.9	275.3	999.00	0.00
5	27	8	75	6.7	266.8	999.00	0.00
6	27	8	75	4.4	267.6	999.00	0.00
7	27	8	75	5.1	264.3	999.00	0.00
8	27	8	75	1.7	82.0	999.00	0.00
9	27	8	75	4.8	79.5	999.00	0.00
10	27	8	75	10.6	238.4	999.00	0.00
11	27	8	75	16.2	239.4	6.34	0.00
12	27	8	75	14.9	240.5	22.32	0.04
13	27	8	75	14.4	265.8	20.61	999.00
14	27	8	75	10.5	202.8	20.78	0.00
15	27	8	75	9.9	161.8	20.91	0.00
16	27	8	75	8.1	173.5	21.48	0.00
17	27	8	75	8.4	201.1	21.05	0.00
18	27	8	75	13.5	242.4	19.40	0.00
19	27	8	75	6.7	263.6	16.08	0.00
20	27	8	75	3.3	269.5	11.82	0.00
21	27	8	75	3.0	262.9	11.20	0.00
22	27	8	75	4.4	277.4	11.72	0.00
23	27	8	75	6.1	282.6	8.64	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	28	8	75	5.6	273.4	8.88	0.00
1	28	8	75	5.9	281.5	8.51	0.00
2	28	8	75	4.9	275.9	8.06	0.00
3	28	8	75	4.1	271.2	6.33	0.00
4	28	8	75	6.3	271.7	5.83	0.00
5	28	8	75	6.4	284.1	6.60	0.00
6	28	8	75	6.7	275.8	6.08	0.00
7	28	8	75	3.2	271.6	9.26	0.00
8	28	8	75	5.2	166.3	16.36	0.00
9	28	8	75	999.0	999.0	999.00	999.00
10	28	8	75	999.0	999.0	999.00	999.00
11	28	8	75	999.0	999.0	999.00	999.00
12	28	8	75	999.0	999.0	999.00	999.00
13	28	8	75	999.0	999.0	999.00	999.00
14	28	8	75	999.0	999.0	999.00	999.00
15	28	8	75	14.0	218.0	23.63	0.00
16	28	8	75	11.3	245.5	24.49	0.00
17	28	8	75	14.9	232.3	24.64	0.00
18	28	8	75	10.7	237.3	23.71	0.00
19	28	8	75	7.5	259.3	19.96	0.00
20	28	8	75	8.1	272.9	12.68	0.00
21	28	8	75	6.4	289.3	12.12	0.00
22	28	8	75	6.6	280.8	11.63	0.00
23	28	8	75	6.4	284.6	11.18	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	29	8	75	7.5	253.4	11.33	0.00
1	29	8	75	7.1	277.4	8.90	0.00
2	29	8	75	7.4	274.7	8.41	0.00
3	29	8	75	5.7	270.8	5.41	0.00
4	29	8	75	8.0	269.4	4.88	0.00
5	29	8	75	7.4	273.8	4.55	0.00
6	29	8	75	6.6	272.4	4.83	0.00
7	29	8	75	3.5	277.6	9.25	0.00
8	29	8	75	5.7	90.9	14.11	0.00
9	29	8	75	6.4	72.7	18.00	0.00
10	29	8	75	8.7	236.2	21.94	0.00
11	29	8	75	16.0	253.8	23.03	0.00
12	29	8	75	13.8	247.2	23.67	0.00
13	29	8	75	12.5	239.6	23.92	0.00
14	29	8	75	11.8	244.7	24.49	0.00
15	29	8	75	7.9	243.5	24.99	0.00
16	29	8	75	9.0	225.3	25.33	0.00
17	29	8	75	11.1	236.6	25.09	0.00
18	29	8	75	8.0	222.6	24.54	0.00
19	29	8	75	6.0	277.7	17.62	0.00
20	29	8	75	6.8	280.9	13.09	0.00
21	29	8	75	8.2	284.3	13.07	0.00
22	29	8	75	3.9	266.0	9.47	0.00
23	29	8	75	5.9	278.7	7.17	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	30	8	75	6.5	264.8	7.49	0.00
1	30	8	75	8.9	275.0	7.55	0.00
2	30	8	75	5.9	272.0	6.35	0.00
3	30	8	75	5.4	267.0	4.62	0.00
4	30	8	75	7.3	268.8	4.36	0.00
5	30	8	75	7.3	276.9	5.09	0.00
6	30	8	75	7.4	276.6	6.33	0.00
7	30	8	75	2.4	82.5	10.03	0.00
8	30	8	75	4.3	79.9	14.10	0.00
9	30	8	75	4.4	72.1	18.12	0.00
10	30	8	75	5.9	66.4	21.88	0.00
11	30	8	75	6.5	271.7	24.85	0.00
12	30	8	75	10.0	211.9	25.66	0.00
13	30	8	75	10.7	241.2	25.70	0.00
14	30	8	75	10.5	253.0	25.91	0.00
15	30	8	75	14.2	252.6	25.82	0.00
16	30	8	75	10.2	216.0	26.09	0.00
17	30	8	75	11.3	217.0	26.03	0.00
18	30	8	75	8.4	222.1	25.25	0.00
19	30	8	75	5.1	269.8	17.00	0.00
20	30	8	75	6.8	271.5	13.02	0.00
21	30	8	75	8.1	267.1	12.10	0.00
22	30	8	75	7.3	259.0	11.43	0.00
23	30	8	75	7.5	260.7	10.24	0.00

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	31	8	75	7.3	273.8	9.87	0.00
1	31	8	75	7.3	273.4	7.53	0.00
2	31	8	75	4.3	267.8	5.99	0.00
3	31	8	75	5.7	275.7	6.54	0.00
4	31	8	75	4.1	256.5	7.04	0.00
5	31	8	75	10.3	260.4	11.80	0.00
6	31	8	75	9.6	275.3	9.45	0.00
7	31	8	75	5.0	267.2	14.36	0.00
8	31	8	75	11.3	234.7	22.30	0.00
9	31	8	75	14.7	244.7	23.77	0.00
10	31	8	75	15.3	231.1	24.69	0.00
11	31	8	75	19.7	244.3	25.59	0.00
12	31	8	75	19.7	232.0	25.85	0.00
13	31	8	75	19.5	234.4	26.14	0.00
14	31	8	75	16.7	222.3	26.51	0.00
15	31	8	75	13.8	223.9	26.86	0.00
16	31	8	75	14.9	235.5	27.22	0.00
17	31	8	75	13.2	240.1	26.97	0.00
18	31	8	75	9.0	232.8	26.26	0.00
19	31	8	75	7.9	255.6	18.98	0.00
20	31	8	75	7.0	286.1	16.14	0.00
21	31	8	75	7.3	276.4	14.32	0.00
22	31	8	75	7.8	267.8	12.52	0.00
23	31	8	75	5.5	264.6	11.69	0.00

B.1.4

METEOROLOGICAL DATA FOR SITE 4
1 JUNE 1975 THROUGH 31 AUGUST 1975

WS10	Wind Speed at the 10-m level (mph)
WDR10	Wind Direction at the 10-m level (degrees)
AT10	Air Temperature at the 10-m level (degrees Celsius)
PREC	Precipitation at ground level (inches of H_2O)

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	1	6	75	4.4	202.6	4.62	0.00
1	1	6	75	4.6	220.0	5.15	0.00
2	1	6	75	2.6	82.0	4.52	0.00
3	1	6	75	3.5	202.2	2.67	0.00
4	1	6	75	3.3	218.2	1.43	0.00
5	1	6	75	3.5	189.3	0.06	0.00
6	1	6	75	3.4	180.8	3.01	0.00
7	1	6	75	3.9	54.9	8.24	0.00
8	1	6	75	5.6	40.8	9.72	0.00
9	1	6	75	2.9	94.1	12.80	0.00
10	1	6	75	4.1	333.6	14.79	0.00
11	1	6	75	4.1	77.4	16.44	0.00
12	1	6	75	5.3	245.4	17.64	0.00
13	1	6	75	5.1	64.6	17.88	0.00
14	1	6	75	9.1	33.2	18.58	0.00
15	1	6	75	6.7	2.0	19.32	0.00
16	1	6	75	5.8	32.3	19.59	0.00
17	1	6	75	4.6	38.1	20.33	0.00
18	1	6	75	5.2	295.7	20.15	0.00
19	1	6	75	2.0	353.1	19.18	0.00
20	1	6	75	4.9	201.9	11.02	0.00
21	1	6	75	4.4	191.5	9.51	0.00
22	1	6	75	3.1	193.3	7.10	0.00
23	1	6	75	4.4	206.0	4.56	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	2	6	75	3.1	193.2	3.80	0.00
1	2	6	75	4.4	210.8	2.75	0.00
2	2	6	75	2.0	202.7	2.43	0.00
3	2	6	75	5.0	198.9	1.51	0.00
4	2	6	75	2.6	210.2	0.76	0.00
5	2	6	75	2.9	223.1	0.59	0.00
6	2	6	75	2.5	200.0	3.03	0.00
7	2	6	75	4.2	32.7	8.66	0.00
8	2	6	75	4.2	36.7	13.17	0.00
9	2	6	75	3.4	44.3	18.01	0.00
10	2	6	75	4.2	50.6	21.02	0.00
11	2	6	75	9.9	265.7	22.47	0.00
12	2	6	75	9.9	245.6	22.89	0.00
13	2	6	75	13.9	201.8	23.42	0.00
14	2	6	75	11.4	245.2	21.36	0.00
15	2	6	75	12.7	223.8	23.57	0.00
16	2	6	75	12.9	240.2	22.02	0.00
17	2	6	75	7.5	263.3	21.88	0.00
18	2	6	75	12.0	24.8	19.21	0.00
19	2	6	75	4.6	51.4	16.04	0.00
20	2	6	75	3.1	186.7	14.32	0.00
21	2	6	75	3.1	186.7	14.32	0.00
22	2	6	75	3.1	186.7	14.32	0.00
23	2	6	75	3.9	203.9	8.22	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	3	6	75	2.4	50.0	6.51	0.00
1	3	6	75	4.2	183.9	6.88	0.00
2	3	6	75	4.5	190.7	6.14	0.00
3	3	6	75	2.9	181.3	5.66	0.00
4	3	6	75	2.9	186.9	4.75	0.00
5	3	6	75	4.7	198.8	3.12	0.00
6	3	6	75	2.7	195.7	5.91	0.00
7	3	6	75	3.1	9.1	10.71	0.00
8	3	6	75	1.8	279.5	14.62	0.00
9	3	6	75	3.7	14.8	17.91	0.00
10	3	6	75	14.4	196.0	20.78	0.00
11	3	6	75	17.9	196.4	21.78	0.00
12	3	6	75	21.8	199.3	22.21	0.00
13	3	6	75	18.7	199.1	23.10	0.00
14	3	6	75	20.8	199.3	22.79	0.00
15	3	6	75	20.3	206.0	23.03	0.00
16	3	6	75	19.9	214.8	22.85	0.00
17	3	6	75	15.9	281.4	19.24	0.00
18	3	6	75	16.9	12.9	13.90	0.00
19	3	6	75	11.5	349.5	12.32	0.00
20	3	6	75	5.9	327.9	11.31	0.00
21	3	6	75	7.4	258.7	10.61	0.00
22	3	6	75	3.2	313.5	8.93	0.04
23	3	6	75	3.3	127.2	8.40	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	4	6	75	1.6	206.2	8.29	0.00
1	4	6	75	5.0	349.3	8.12	0.01
2	4	6	75	2.2	296.0	7.43	0.00
3	4	6	75	2.3	234.9	6.10	0.00
4	4	6	75	2.2	197.3	4.90	0.00
5	4	6	75	0.6	18.3	4.41	0.00
6	4	6	75	2.3	212.3	5.01	0.00
7	4	6	75	1.2	1.6	8.95	0.00
8	4	6	75	5.8	40.2	10.01	0.00
9	4	6	75	6.5	27.5	11.70	0.00
10	4	6	75	4.3	24.7	12.90	0.00
11	4	6	75	5.6	263.7	14.69	0.00
12	4	6	75	4.3	216.2	16.04	0.00
13	4	6	75	5.9	292.6	17.01	0.00
14	4	6	75	6.5	279.9	17.82	0.00
15	4	6	75	7.7	269.9	18.62	0.00
16	4	6	75	9.1	263.3	18.63	0.00
17	4	6	75	10.0	290.0	17.91	0.00
18	4	6	75	6.3	285.1	17.69	0.00
19	4	6	75	3.9	359.0	17.28	0.00
20	4	6	75	1.9	170.9	12.35	0.00
21	4	6	75	4.8	204.0	9.21	0.00
22	4	6	75	3.4	208.0	7.20	0.00
23	4	6	75	3.7	216.1	5.76	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	5	6	75	3.6	193.6	4.41	0.00
1	5	6	75	3.9	195.8	4.13	0.00
2	5	6	75	1.9	224.4	2.81	0.00
3	5	6	75	3.9	209.3	1.85	0.00
4	5	6	75	2.9	222.5	0.83	0.00
5	5	6	75	2.6	195.5	0.66	0.00
6	5	6	75	3.1	197.5	3.76	0.00
7	5	6	75	1.6	281.9	10.03	0.00
8	5	6	75	3.2	50.3	13.60	0.00
9	5	6	75	4.5	21.7	15.35	0.00
10	5	6	75	4.0	335.8	17.32	0.00
11	5	6	75	3.8	37.4	19.47	0.00
12	5	6	75	5.0	299.2	20.40	0.00
13	5	6	75	7.2	270.3	21.88	0.00
14	5	6	75	6.8	35.9	22.69	0.00
15	5	6	75	10.1	13.7	22.83	0.00
16	5	6	75	6.6	14.2	23.31	0.00
17	5	6	75	8.4	263.3	23.56	0.00
18	5	6	75	7.5	263.7	23.55	0.00
19	5	6	75	5.1	312.8	22.38	0.00
20	5	6	75	1.2	230.2	16.64	0.00
21	5	6	75	4.4	198.1	12.35	0.00
22	5	6	75	4.4	205.4	9.39	0.00
23	5	6	75	3.8	213.3	7.65	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	6	6	75	3.3	172.8	6.51	0.00
1	6	6	75	4.7	210.0	3.71	0.00
2	6	6	75	4.3	206.4	3.48	0.00
3	6	6	75	3.4	203.2	2.87	0.00
4	6	6	75	3.0	206.7	1.68	0.00
5	6	6	75	4.7	208.6	2.40	0.00
6	6	6	75	7.1	187.0	8.92	0.00
7	6	6	75	3.5	224.3	10.74	0.00
8	6	6	75	1.9	7.9	17.73	0.00
9	6	6	75	2.6	358.4	20.57	0.00
10	6	6	75	4.3	26.4	21.47	0.00
11	6	6	75	5.9	34.6	22.32	0.00
12	6	6	75	5.9	312.1	24.03	0.00
13	6	6	75	11.9	252.2	24.10	0.00
14	6	6	75	11.5	255.6	24.11	0.00
15	6	6	75	9.8	252.8	24.94	0.00
16	6	6	75	6.6	315.9	24.98	0.00
17	6	6	75	7.9	309.6	24.63	0.00
18	6	6	75	8.3	273.6	24.66	0.00
19	6	6	75	3.4	282.5	23.79	0.00
20	6	6	75	2.8	218.7	18.98	0.00
21	6	6	75	4.7	206.7	12.59	0.00
22	6	6	75	4.8	201.3	11.00	0.00
23	6	6	75	5.0	209.2	10.00	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	7	6	75	3.2	213.8	9.56	0.00
1	7	6	75	4.7	211.0	10.39	0.00
2	7	6	75	14.9	223.7	21.29	0.00
3	7	6	75	7.1	181.6	18.40	0.00
4	7	6	75	6.8	189.5	15.46	0.00
5	7	6	75	1.9	180.4	11.99	0.00
6	7	6	75	2.6	196.5	12.20	0.00
7	7	6	75	4.3	227.8	14.31	0.00
8	7	6	75	2.9	234.4	18.27	0.00
9	7	6	75	7.5	286.1	20.30	0.00
10	7	6	75	9.5	344.7	19.30	0.00
11	7	6	75	9.2	15.2	20.31	0.00
12	7	6	75	10.2	302.7	19.91	0.00
13	7	6	75	2.4	125.5	16.75	0.01
14	7	6	75	6.1	237.1	20.13	0.00
15	7	6	75	8.1	238.3	18.85	0.00
16	7	6	75	9.8	349.3	19.46	0.00
17	7	6	75	16.5	2.7	14.76	0.00
18	7	6	75	8.6	40.1	10.18	999.00
19	7	6	75	9.5	337.1	9.56	999.00
20	7	6	75	2.5	152.1	9.35	999.00
21	7	6	75	0.8	197.2	9.15	999.00
22	7	6	75	5.6	205.9	9.44	0.00
23	7	6	75	2.3	203.2	8.85	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	8	6	75	1.7	81.9	9.08	0.00
1	8	6	75	1.8	217.5	8.98	0.00
2	8	6	75	3.0	14.9	9.23	0.00
3	8	6	75	0.6	289.7	8.99	0.00
4	8	6	75	2.4	167.9	9.19	0.00
5	8	6	75	2.9	185.0	9.16	0.00
6	8	6	75	2.4	70.5	9.36	0.01
7	8	6	75	4.6	325.1	10.86	0.00
8	8	6	75	5.0	342.6	11.24	0.00
9	8	6	75	3.6	10.0	13.23	0.00
10	8	6	75	4.2	25.5	14.63	0.00
11	8	6	75	6.7	293.0	14.36	0.00
12	8	6	75	5.9	263.1	14.39	0.00
13	8	6	75	3.1	177.9	14.78	0.00
14	8	6	75	8.7	305.3	15.28	0.00
15	8	6	75	13.2	340.0	12.53	0.00
16	8	6	75	4.9	100.7	12.04	0.03
17	8	6	75	5.5	118.1	12.33	0.00
18	8	6	75	9.3	39.2	11.99	0.01
19	8	6	75	7.8	43.3	8.47	0.03
20	8	6	75	4.5	212.4	8.20	0.00
21	8	6	75	3.1	174.2	6.98	0.00
22	8	6	75	2.0	340.0	5.92	0.00
23	8	6	75	2.2	203.4	5.07	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	9	6	75	2.6	175.3	4.35	0.04
1	9	6	75	1.4	226.7	3.52	0.00
2	9	6	75	3.5	205.3	2.40	0.00
3	9	6	75	3.5	204.9	1.46	0.00
4	9	6	75	2.9	198.5	0.51	0.00
5	9	6	75	1.0	190.2	-0.43	0.00
6	9	6	75	1.8	205.5	0.39	0.00
7	9	6	75	1.5	59.5	3.75	0.00
8	9	6	75	6.3	33.2	5.37	0.00
9	9	6	75	4.8	47.5	7.52	0.00
10	9	6	75	6.4	24.7	9.22	0.00
11	9	6	75	7.9	36.0	10.93	0.00
12	9	6	75	7.0	346.6	11.44	0.00
13	9	6	75	9.0	358.7	11.97	0.00
14	9	6	75	10.4	25.6	12.45	0.00
15	9	6	75	10.1	355.6	12.09	0.00
16	9	6	75	8.9	263.1	10.19	0.00
17	9	6	75	16.0	199.8	8.32	0.00
18	9	6	75	7.0	173.3	6.87	0.00
19	9	6	75	3.7	150.1	7.48	0.00
20	9	6	75	3.5	191.3	6.62	0.00
21	9	6	75	3.6	180.1	4.95	0.00
22	9	6	75	4.9	192.6	4.70	0.00
23	9	6	75	4.1	223.1	4.75	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	10	6	75	1.1	63.3	4.70	0.00
1	10	6	75	2.8	180.4	4.87	0.00
2	10	6	75	0.9	105.8	3.66	0.00
3	10	6	75	1.7	188.2	2.60	0.00
4	10	6	75	2.8	177.0	1.62	0.00
5	10	6	75	2.8	203.2	1.41	0.00
6	10	6	75	3.5	330.0	3.86	0.00
7	10	6	75	3.1	355.9	5.03	0.00
8	10	6	75	10.9	2.8	6.06	0.00
9	10	6	75	11.3	344.9	6.78	0.00
10	10	6	75	10.0	349.1	7.04	0.00
11	10	6	75	12.4	355.6	8.28	0.00
12	10	6	75	12.8	349.9	9.02	0.00
13	10	6	75	11.9	351.6	8.07	0.00
14	10	6	75	9.1	52.0	6.26	0.00
15	10	6	75	8.0	9.4	9.16	0.01
16	10	6	75	6.8	49.3	10.10	0.00
17	10	6	75	10.9	26.8	10.02	0.00
18	10	6	75	5.6	49.8	10.05	0.00
19	10	6	75	3.2	61.3	10.74	0.00
20	10	6	75	1.8	175.8	7.43	0.00
21	10	6	75	3.7	192.6	4.25	0.00
22	10	6	75	4.1	200.2	2.16	0.00
23	10	6	75	4.0	192.4	1.59	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	11	6	75	2.1	199.1	0.34	0.00
1	11	6	75	4.6	197.2	-0.54	0.00
2	11	6	75	4.1	200.2	-1.01	0.00
3	11	6	75	2.4	206.6	-2.63	0.00
4	11	6	75	4.5	197.6	-2.04	0.00
5	11	6	75	2.1	215.4	-2.97	0.00
6	11	6	75	1.2	210.0	-1.37	0.00
7	11	6	75	2.7	25.0	4.42	0.00
8	11	6	75	2.9	36.3	8.63	0.00
9	11	6	75	3.7	118.6	11.02	0.00
10	11	6	75	4.4	9.9	12.84	0.00
11	11	6	75	5.2	218.4	13.58	0.00
12	11	6	75	8.1	187.5	14.61	0.00
13	11	6	75	6.7	247.1	15.65	0.00
14	11	6	75	7.7	213.6	16.33	0.00
15	11	6	75	9.3	221.2	18.87	0.00
16	11	6	75	9.5	244.4	19.23	0.00
17	11	6	75	8.4	218.0	19.75	0.00
18	11	6	75	8.5	235.2	19.72	0.00
19	11	6	75	5.0	214.2	18.68	0.00
20	11	6	75	5.5	186.8	14.35	0.00
21	11	6	75	4.7	211.3	10.03	0.00
22	11	6	75	1.9	176.3	7.55	0.00
23	11	6	75	4.8	206.1	7.06	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	12	6	75	4.1	203.7	5.58	0.00
1	12	6	75	3.8	209.9	3.80	0.00
2	12	6	75	5.1	213.8	2.56	0.00
3	12	6	75	3.5	213.3	1.11	0.00
4	12	6	75	3.8	214.9	0.85	0.00
5	12	6	75	3.9	217.6	0.29	0.00
6	12	6	75	2.7	218.8	3.57	0.00
7	12	6	75	2.7	322.9	10.93	0.00
8	12	6	75	2.6	35.7	15.63	0.00
9	12	6	75	2.1	22.7	19.87	0.00
10	12	6	75	2.8	56.1	21.13	0.00
11	12	6	75	12.1	6.9	21.67	0.00
12	12	6	75	7.9	19.3	22.41	0.00
13	12	6	75	9.8	238.1	23.40	0.00
14	12	6	75	16.8	217.1	23.16	0.00
15	12	6	75	12.0	198.8	23.23	0.00
16	12	6	75	6.3	230.0	22.91	0.00
17	12	6	75	16.1	206.0	22.50	0.00
18	12	6	75	13.0	209.9	22.69	0.00
19	12	6	75	8.5	188.7	20.90	0.00
20	12	6	75	3.9	193.1	14.84	0.00
21	12	6	75	8.5	203.4	12.46	0.00
22	12	6	75	3.2	209.7	10.60	0.00
23	12	6	75	2.8	174.4	9.30	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WD010	AT10	PREC
0	13	6	75	4.2	225.8	5.00	0.00
1	13	6	75	5.4	210.4	5.23	0.00
2	13	6	75	4.7	210.2	3.95	0.00
3	13	6	75	4.5	215.4	3.22	0.00
4	13	6	75	4.5	215.4	3.22	0.00
5	13	6	75	3.7	222.3	3.29	0.00
6	13	6	75	1.6	299.9	5.16	0.00
7	13	6	75	4.2	25.5	11.42	0.00
8	13	6	75	6.5	28.2	28.24	0.00
9	13	6	75	4.6	41.4	19.69	0.00
10	13	6	75	3.8	19.8	23.13	0.00
11	13	6	75	12.3	256.3	24.62	0.00
12	13	6	75	16.7	255.9	25.04	0.00
13	13	6	75	16.6	261.8	25.54	0.00
14	13	6	75	13.5	265.7	26.42	0.00
15	13	6	75	13.1	247.8	26.36	0.00
16	13	6	75	15.6	232.6	26.98	0.00
17	13	6	75	12.4	245.9	26.53	0.00
18	13	6	75	12.4	248.6	25.60	0.00
19	13	6	75	6.3	247.4	23.69	0.00
20	13	6	75	5.1	224.2	21.76	0.00
21	13	6	75	3.1	182.1	17.68	0.00
22	13	6	75	3.4	192.2	14.26	0.00
23	13	6	75	5.4	180.5	13.60	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	14	6	75	6.9	198.2	13.94	0.00
1	14	6	75	7.2	200.3	15.67	0.00
2	14	6	75	2.5	170.3	15.02	0.00
3	14	6	75	2.6	203.4	13.49	0.00
4	14	6	75	5.4	285.7	14.41	0.00
5	14	6	75	4.7	208.7	16.96	0.00
6	14	6	75	5.3	214.7	15.28	0.00
7	14	6	75	4.7	203.7	16.64	0.00
8	14	6	75	9.6	316.3	19.61	0.00
9	14	6	75	12.6	312.0	20.40	0.00
10	14	6	75	11.2	275.7	21.14	0.00
11	14	6	75	12.7	244.8	22.13	0.00
12	14	6	75	12.7	251.8	22.75	0.00
13	14	6	75	13.5	237.3	23.30	0.00
14	14	6	75	12.8	247.2	24.42	0.00
15	14	6	75	11.3	274.5	24.87	0.00
16	14	6	75	12.8	260.6	25.34	0.00
17	14	6	75	14.3	233.6	25.44	0.00
18	14	6	75	11.4	263.0	24.92	0.00
19	14	6	75	10.2	254.0	23.69	0.00
20	14	6	75	5.9	242.4	21.10	0.00
21	14	6	75	6.2	226.5	19.95	0.00
22	14	6	75	8.9	216.2	18.05	0.00
23	14	6	75	5.0	192.5	14.05	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS11	WDR11	AT11	PREC
0	15	6	75	4.3	197.4	11.62	0.00
1	15	6	75	2.5	171.8	10.39	0.00
2	15	6	75	3.7	207.5	7.38	0.00
3	15	6	75	4.2	215.0	5.74	0.00
4	15	6	75	3.9	207.0	4.47	0.00
5	15	6	75	3.3	210.2	3.14	0.00
6	15	6	75	2.4	203.6	7.36	0.00
7	15	6	75	2.8	18.6	13.56	0.00
8	15	6	75	6.4	237.6	19.92	0.00
9	15	6	75	11.5	242.8	21.32	0.00
10	15	6	75	10.7	250.4	22.39	0.00
11	15	6	75	11.2	240.3	23.04	0.00
12	15	6	75	10.6	243.3	23.75	0.00
13	15	6	75	14.1	245.2	24.83	0.00
14	15	6	75	11.9	256.3	25.62	0.00
15	15	6	75	13.1	251.5	26.30	0.00
16	15	6	75	13.6	235.4	26.31	0.00
17	15	6	75	10.8	253.2	26.09	0.00
18	15	6	75	14.1	255.4	26.01	0.00
19	15	6	75	9.8	255.8	25.06	0.00
20	15	6	75	2.4	189.0	18.85	0.00
21	15	6	75	2.7	199.0	14.11	0.00
22	15	6	75	3.9	216.1	13.58	0.00
23	15	6	75	3.2	185.1	13.36	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	16	6	75	2.6	214.5	12.03	0.00
1	16	6	75	4.4	199.1	11.66	0.00
2	16	6	75	6.9	186.4	17.77	0.00
3	16	6	75	8.1	178.2	17.12	0.00
4	16	6	75	5.0	167.1	16.52	0.00
5	16	6	75	7.9	248.9	18.01	0.00
6	16	6	75	1.6	173.7	15.32	0.00
7	16	6	75	6.5	195.3	17.16	0.00
8	16	6	75	4.0	165.3	19.12	0.00
9	16	6	75	10.4	235.7	21.76	0.00
10	16	6	75	11.5	246.9	22.91	0.00
11	16	6	75	12.2	253.2	23.27	0.00
12	16	6	75	16.0	260.3	24.01	0.00
13	16	6	75	16.2	258.7	24.01	0.00
14	16	6	75	15.0	261.9	22.88	0.00
15	16	6	75	18.3	271.0	23.70	0.00
16	16	6	75	16.5	273.5	22.51	0.00
17	16	6	75	13.3	278.9	21.55	0.00
18	16	6	75	12.7	281.4	21.07	0.00
19	16	6	75	3.9	265.3	19.94	0.00
20	16	6	75	2.2	191.7	15.37	0.00
21	16	6	75	2.2	183.7	12.34	0.00
22	16	6	75	3.9	194.0	12.92	0.00
23	16	6	75	3.7	210.7	10.47	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	17	6	75	3.8	210.2	9.94	0.00
1	17	6	75	4.5	212.3	10.23	0.00
2	17	6	75	2.5	100.8	10.03	0.00
3	17	6	75	2.9	352.1	10.27	0.00
4	17	6	75	4.9	177.7	10.52	0.00
5	17	6	75	1.6	232.4	11.33	0.00
6	17	6	75	1.6	200.5	10.59	0.00
7	17	6	75	2.9	25.7	13.11	0.00
8	17	6	75	4.9	31.2	14.77	0.00
9	17	6	75	6.4	20.5	16.73	0.00
10	17	6	75	4.9	353.5	17.32	0.00
11	17	6	75	6.4	359.0	17.58	0.00
12	17	6	75	9.4	22.8	18.27	0.00
13	17	6	75	6.2	92.9	20.58	0.00
14	17	6	75	15.3	194.4	23.88	0.00
15	17	6	75	18.7	191.4	24.05	0.00
16	17	6	75	18.4	196.5	23.86	0.00
17	17	6	75	13.2	197.0	24.17	0.00
18	17	6	75	8.8	353.6	19.96	0.00
19	17	6	75	12.3	13.5	13.01	0.00
20	17	6	75	5.3	15.7	16.77	0.00
21	17	6	75	5.4	40.2	15.92	0.00
22	17	6	75	6.7	305.4	15.91	0.00
23	17	6	75	6.4	5.3	15.51	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	18	6	75	6.9	15.3	14.20	0.00
1	18	6	75	6.1	22.8	13.20	0.00
2	18	6	75	1.8	54.3	11.62	0.00
3	18	6	75	2.3	162.7	10.34	0.00
4	18	6	75	1.7	232.2	9.74	0.00
5	18	6	75	3.0	184.3	9.68	0.00
6	18	6	75	4.0	195.5	10.60	0.00
7	18	6	75	8.7	171.8	15.67	0.00
8	18	6	75	12.1	162.7	17.13	0.00
9	18	6	75	13.6	184.4	16.40	0.00
10	18	6	75	20.7	167.7	15.37	0.00
11	18	6	75	10.8	201.7	15.04	0.00
12	18	6	75	12.6	256.3	12.16	0.00
13	18	6	75	11.0	219.2	11.14	0.00
14	18	6	75	9.9	246.1	10.57	0.00
15	18	6	75	11.5	281.4	9.67	0.00
16	18	6	75	3.3	16.6	9.69	0.04
17	18	6	75	6.3	49.5	8.73	0.01
18	18	6	75	4.4	157.3	8.18	0.00
19	18	6	75	7.5	157.9	8.07	0.02
20	18	6	75	5.7	196.8	7.06	0.00
21	18	6	75	7.0	185.0	5.99	0.00
22	18	6	75	1.3	91.3	3.25	0.00
23	18	6	75	3.3	187.1	2.40	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	19	6	75	4.2	211.5	3.57	0.00
1	19	6	75	2.7	223.7	0.34	0.00
2	19	6	75	3.2	216.2	1.03	0.00
3	19	6	75	2.4	207.3	-0.13	0.00
4	19	6	75	2.8	213.8	0.71	0.00
5	19	6	75	3.3	192.9	0.84	0.00
6	19	6	75	4.9	202.3	1.60	0.00
7	19	6	75	4.9	204.2	7.21	0.00
8	19	6	75	9.5	153.8	11.35	0.00
9	19	6	75	13.7	150.7	13.34	0.00
10	19	6	75	14.3	177.1	14.00	0.00
11	19	6	75	21.3	189.1	15.19	0.00
12	19	6	75	18.1	172.7	16.46	0.00
13	19	6	75	20.9	196.1	17.45	0.00
14	19	6	75	17.5	184.5	17.98	0.00
15	19	6	75	18.9	192.7	18.71	0.00
16	19	6	75	18.6	187.7	18.89	0.00
17	19	6	75	20.2	202.9	19.05	0.00
18	19	6	75	13.0	227.1	18.38	0.00
19	19	6	75	11.0	263.6	14.10	0.00
20	19	6	75	8.1	252.1	11.53	0.00
21	19	6	75	2.4	155.5	9.71	0.00
22	19	6	75	4.0	211.9	6.17	0.00
23	19	6	75	3.2	188.2	5.45	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	20	6	75	3.0	194.3	4.71	0.00
1	20	6	75	4.1	177.2	3.55	0.00
2	20	6	75	3.8	207.7	2.20	0.00
3	20	6	75	3.4	207.6	1.68	0.00
4	20	6	75	1.2	151.8	0.65	0.00
5	20	6	75	3.3	195.4	-0.21	0.00
6	20	6	75	2.4	222.1	1.65	0.00
7	20	6	75	1.7	18.6	8.86	0.00
8	20	6	75	3.6	19.4	12.15	0.00
9	20	6	75	2.5	130.3	17.37	0.00
10	20	6	75	19.0	181.5	15.47	0.00
11	20	6	75	13.3	225.0	10.00	0.00
12	20	6	75	7.1	190.8	7.97	0.04
13	20	6	75	8.6	210.6	11.32	0.03
14	20	6	75	4.6	56.6	13.41	0.00
15	20	6	75	12.5	208.8	9.28	0.01
16	20	6	75	11.7	216.9	13.45	0.03
17	20	6	75	17.5	203.1	14.66	0.00
18	20	6	75	13.0	273.4	12.94	0.00
19	20	6	75	8.5	289.0	11.83	0.00
20	20	6	75	3.9	18.5	9.00	0.00
21	20	6	75	4.5	276.4	8.15	0.00
22	20	6	75	2.3	197.0	5.37	0.00
23	20	6	75	3.7	203.7	3.30	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	21	6	75	3.3	221.3	1.99	0.00
1	21	6	75	2.8	208.5	2.10	0.00
2	21	6	75	2.9	197.6	1.53	0.00
3	21	6	75	4.1	201.3	0.40	0.00
4	21	6	75	4.0	203.5	0.23	0.00
5	21	6	75	2.3	205.5	0.28	0.00
6	21	6	75	1.5	231.1	1.53	0.00
7	21	6	75	1.7	10.0	7.37	0.00
8	21	6	75	1.3	292.5	11.61	0.00
9	21	6	75	4.6	79.1	13.98	0.00
10	21	6	75	9.5	227.6	14.81	0.00
11	21	6	75	9.5	245.4	15.57	0.00
12	21	6	75	16.3	203.6	15.18	0.00
13	21	6	75	4.4	250.4	12.66	0.00
14	21	6	75	22.0	225.3	14.40	0.00
15	21	6	75	9.0	197.0	14.36	0.00
16	21	6	75	16.2	231.4	14.21	0.00
17	21	6	75	7.0	210.6	9.04	0.01
18	21	6	75	6.5	197.6	11.80	0.01
19	21	6	75	2.4	184.3	12.45	0.00
20	21	6	75	2.7	187.6	9.01	0.00
21	21	6	75	2.5	216.6	6.67	0.00
22	21	6	75	3.0	213.9	7.35	0.00
23	21	6	75	2.2	202.4	7.61	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	22	6	75	3.2	200.8	6.62	0.00
1	22	6	75	0.7	233.6	5.19	0.00
2	22	6	75	2.5	199.2	5.56	0.00
3	22	6	75	1.4	330.6	5.35	0.00
4	22	6	75	2.6	202.1	3.99	0.00
5	22	6	75	3.2	214.6	2.18	0.00
6	22	6	75	1.9	216.5	3.63	0.00
7	22	6	75	1.3	27.7	9.74	0.00
8	22	6	75	4.1	19.0	13.09	0.00
9	22	6	75	5.3	18.8	15.01	0.00
10	22	6	75	7.1	119.8	12.78	0.01
11	22	6	75	4.6	11.5	15.93	0.02
12	22	6	75	5.1	182.3	16.34	0.00
13	22	6	75	5.7	66.9	17.55	0.02
14	22	6	75	4.2	97.8	18.55	0.00
15	22	6	75	3.6	164.6	19.16	0.00
16	22	6	75	6.4	273.3	19.59	0.00
17	22	6	75	10.5	225.1	20.16	0.00
18	22	6	75	8.0	215.3	20.29	0.00
19	22	6	75	5.9	214.8	19.23	0.00
20	22	6	75	4.5	218.2	13.89	0.00
21	22	6	75	5.3	189.9	12.04	0.00
22	22	6	75	3.0	218.1	8.40	0.00
23	22	6	75	4.3	207.8	6.14	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	23	6	75	3.6	205.5	4.43	0.00
1	23	6	75	3.6	209.4	2.28	0.00
2	23	6	75	3.9	221.0	2.17	0.00
3	23	6	75	3.8	217.2	1.78	0.00
4	23	6	75	2.6	205.6	1.72	0.00
5	23	6	75	3.6	213.6	1.41	0.00
6	23	6	75	4.1	214.0	4.33	0.00
7	23	6	75	1.8	214.2	11.90	0.00
8	23	6	75	4.0	17.8	14.65	0.00
9	23	6	75	2.5	174.8	20.27	0.00
10	23	6	75	7.5	166.0	21.99	0.00
11	23	6	75	5.1	212.6	22.30	0.00
12	23	6	75	9.4	221.3	22.81	0.00
13	23	6	75	10.2	191.5	24.55	0.00
14	23	6	75	8.9	214.8	24.05	0.00
15	23	6	75	10.4	271.7	23.89	0.00
16	23	6	75	13.1	194.1	25.45	0.00
17	23	6	75	8.3	210.2	25.12	0.00
18	23	6	75	9.2	200.0	24.20	0.00
19	23	6	75	1.3	177.7	22.70	0.00
20	23	6	75	3.4	203.3	16.78	0.00
21	23	6	75	3.8	181.5	14.25	0.00
22	23	6	75	3.4	203.4	10.65	0.00
23	23	6	75	3.2	202.4	7.70	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	24	6	75	4.6	208.4	6.84	0.00
1	24	6	75	4.1	207.9	5.18	0.00
2	24	6	75	5.1	216.4	4.01	0.00
3	24	6	75	4.8	210.7	2.71	0.00
4	24	6	75	5.1	203.4	3.63	0.00
5	24	6	75	4.9	218.0	2.79	0.00
6	24	6	75	5.0	207.7	6.75	0.00
7	24	6	75	3.7	216.5	12.28	0.00
8	24	6	75	10.5	161.2	21.13	0.00
9	24	6	75	13.0	159.2	22.95	0.00
10	24	6	75	15.3	168.9	24.13	0.00
11	24	6	75	999.0	999.0	999.00	999.00
12	24	6	75	999.0	999.0	999.00	999.00
13	24	6	75	999.0	999.0	999.00	999.00
14	24	6	75	999.0	999.0	999.00	999.00
15	24	6	75	999.0	999.0	999.00	999.00
16	24	6	75	18.0	176.4	26.65	0.00
17	24	6	75	17.2	174.4	26.75	0.00
18	24	6	75	14.2	178.1	26.76	0.00
19	24	6	75	12.6	187.5	25.62	0.00
20	24	6	75	5.4	159.2	22.29	0.00
21	24	6	75	4.3	205.9	12.35	0.00
22	24	6	75	4.6	208.0	8.43	0.00
23	24	6	75	5.2	208.4	7.06	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	25	6	75	4.7	219.5	4.30	0.00
1	25	6	75	2.7	253.5	5.53	0.00
2	25	6	75	5.9	205.5	9.20	0.00
3	25	6	75	6.1	198.1	11.56	0.00
4	25	6	75	6.1	219.4	5.27	0.00
5	25	6	75	6.8	211.4	6.28	0.00
6	25	6	75	4.8	216.8	8.90	0.00
7	25	6	75	13.9	180.2	19.40	0.00
8	25	6	75	16.3	182.2	20.77	0.00
9	25	6	75	19.7	187.5	20.63	0.00
10	25	6	75	20.9	179.6	20.76	0.00
11	25	6	75	21.1	185.7	21.43	0.00
12	25	6	75	21.9	169.7	19.04	0.00
13	25	6	75	26.4	232.7	14.87	0.00
14	25	6	75	23.6	200.9	17.23	0.00
15	25	6	75	17.3	259.3	16.38	0.00
16	25	6	75	14.1	231.1	17.95	0.00
17	25	6	75	17.2	279.3	15.41	0.00
18	25	6	75	14.9	270.1	14.69	0.00
19	25	6	75	14.5	271.7	13.05	0.00
20	25	6	75	9.0	246.1	10.88	0.00
21	25	6	75	6.1	261.2	9.78	0.00
22	25	6	75	8.1	245.8	9.18	0.00
23	25	6	75	1.6	127.5	3.73	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	26	6	75	5.6	142.0	5.93	0.00
1	26	6	75	4.6	212.3	0.53	0.00
2	26	6	75	3.2	203.3	-0.09	0.00
3	26	6	75	3.2	183.6	-1.43	0.00
4	26	6	75	2.8	219.9	-2.51	0.00
5	26	6	75	3.3	198.6	-2.61	0.00
6	26	6	75	2.3	208.4	-1.13	0.00
7	26	6	75	1.5	126.4	7.05	0.00
8	26	6	75	3.6	20.7	10.97	0.00
9	26	6	75	4.5	132.7	13.12	0.00
10	26	6	75	6.4	155.0	15.33	0.00
11	26	6	75	6.5	215.4	17.29	0.00
12	26	6	75	4.2	256.0	19.73	0.00
13	26	6	75	5.6	279.7	21.22	0.00
14	26	6	75	4.2	78.4	22.80	0.00
15	26	6	75	7.4	205.3	23.90	0.00
16	26	6	75	8.8	207.3	24.60	0.00
17	26	6	75	13.1	200.3	24.59	0.00
18	26	6	75	12.9	203.9	23.98	0.00
19	26	6	75	10.4	198.1	21.90	0.00
20	26	6	75	7.7	185.0	17.22	0.00
21	26	6	75	4.2	188.6	12.23	0.00
22	26	6	75	4.1	175.6	8.97	0.00
23	26	6	75	4.4	217.7	4.91	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS1)	WDR1)	AT1)	PREC
0	27	6	75	5.2	196.9	2.45	0.00
1	27	6	75	5.4	213.4	2.32	0.00
2	27	6	75	5.3	216.4	1.39	0.00
3	27	6	75	6.2	213.6	0.48	0.00
4	27	6	75	4.9	210.1	-0.16	0.00
5	27	6	75	3.8	207.0	-0.76	0.00
6	27	6	75	2.1	212.8	3.07	0.00
7	27	6	75	3.2	30.6	11.77	0.00
8	27	6	75	10.7	143.9	21.24	0.00
9	27	6	75	14.5	186.7	24.35	0.00
10	27	6	75	19.5	196.4	25.31	0.00
11	27	6	75	19.3	194.8	25.97	0.00
12	27	6	75	21.1	191.5	26.42	0.00
13	27	6	75	23.6	194.7	26.98	0.00
14	27	6	75	21.8	188.9	27.76	0.00
15	27	6	75	18.8	182.0	28.48	0.00
16	27	6	75	20.3	195.3	27.86	0.00
17	27	6	75	15.9	199.2	27.46	0.00
18	27	6	75	9.5	193.3	26.36	0.00
19	27	6	75	5.8	178.5	24.83	0.00
20	27	6	75	4.3	197.8	20.14	0.00
21	27	6	75	3.6	205.9	15.75	0.00
22	27	6	75	4.7	216.5	12.24	0.00
23	27	6	75	3.8	217.0	10.91	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	28	6	75	5.0	207.2	12.24	0.00
1	28	6	75	2.4	167.6	8.44	0.00
2	28	6	75	4.7	182.6	8.12	0.00
3	28	6	75	2.2	211.1	5.68	0.00
4	28	6	75	4.6	212.4	2.93	0.00
5	28	6	75	4.0	212.3	2.95	0.00
6	28	6	75	1.6	201.4	5.99	0.00
7	28	6	75	2.9	227.7	13.92	0.00
8	28	6	75	2.3	90.7	19.59	0.00
9	28	6	75	2.6	6.4	22.77	0.00
10	28	6	75	2.8	176.7	25.45	0.00
11	28	6	75	13.3	196.0	26.77	0.00
12	28	6	75	15.8	194.8	27.29	0.00
13	28	6	75	18.6	197.5	27.69	0.00
14	28	6	75	18.0	199.4	28.10	0.00
15	28	6	75	22.2	199.1	28.07	0.00
16	28	6	75	19.3	207.3	28.56	0.00
17	28	6	75	13.2	206.3	26.83	0.00
18	28	6	75	14.2	207.0	28.22	0.00
19	28	6	75	8.9	199.7	26.30	0.00
20	28	6	75	5.0	198.2	19.21	0.00
21	28	6	75	6.6	215.4	14.80	0.00
22	28	6	75	1.9	198.5	10.97	0.00
23	28	6	75	5.0	212.4	7.06	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	29	6	75	6.1	220.0	4.41	0.00
1	29	6	75	4.6	198.4	3.44	0.00
2	29	6	75	3.1	225.6	3.97	0.00
3	29	6	75	6.1	212.3	2.21	0.00
4	29	6	75	4.0	201.0	2.79	0.00
5	29	6	75	6.2	219.3	1.30	0.00
6	29	6	75	2.3	206.9	5.92	0.00
7	29	6	75	3.4	21.0	13.76	0.00
8	29	6	75	10.2	151.2	23.08	0.00
9	29	6	75	13.1	177.9	25.70	0.00
10	29	6	75	12.5	185.3	26.24	0.00
11	29	6	75	13.3	189.7	27.19	0.00
12	29	6	75	18.2	207.5	27.52	0.00
13	29	6	75	17.0	201.1	28.22	0.00
14	29	6	75	20.7	199.3	28.76	0.00
15	29	6	75	19.0	196.9	28.42	0.00
16	29	6	75	13.9	171.2	28.61	0.00
17	29	6	75	16.1	187.7	29.18	0.00
18	29	6	75	13.6	185.1	28.93	0.00
19	29	6	75	9.6	193.8	26.27	0.00
20	29	6	75	3.7	191.6	17.85	0.00
21	29	6	75	4.1	188.4	13.17	0.00
22	29	6	75	4.9	203.4	10.09	0.00
23	29	6	75	2.3	164.8	7.90	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
++	++	++	++				
0	30	6	75	4.6	223.4	5.55	0.00
1	30	6	75	4.8	221.5	4.15	0.00
2	30	6	75	5.0	213.7	3.07	0.00
3	30	6	75	3.2	204.1	2.21	0.00
4	30	6	75	5.3	214.8	1.31	0.00
5	30	6	75	4.3	208.3	0.63	0.00
6	30	6	75	3.2	209.4	4.57	0.00
7	30	6	75	1.4	264.1	14.20	0.00
8	30	6	75	3.1	34.7	19.96	0.00
9	30	6	75	3.0	14.5	24.94	0.00
10	30	6	75	10.0	170.8	28.46	0.00
11	30	6	75	12.4	177.9	29.59	0.00
12	30	6	75	11.9	155.7	29.75	0.00
13	30	6	75	14.3	197.7	30.39	0.00
14	30	6	75	14.9	174.4	31.12	0.00
15	30	6	75	15.2	199.7	31.51	0.00
16	30	6	75	15.4	202.0	31.51	0.00
17	30	6	75	12.7	187.1	31.28	0.00
18	30	6	75	11.1	195.8	30.76	0.00
19	30	6	75	6.0	192.6	28.88	0.00
20	30	6	75	7.2	203.6	21.09	0.00
21	30	6	75	5.0	207.9	15.22	0.00
22	30	6	75	5.0	196.6	12.75	0.00
23	30	6	75	6.4	201.4	10.85	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	1	7	75	6.1	203.0	8.25	0.00
1	1	7	75	6.0	213.6	4.51	0.00
2	1	7	75	5.4	212.8	4.82	0.00
3	1	7	75	5.6	214.3	4.57	0.00
4	1	7	75	4.4	218.8	3.74	0.00
5	1	7	75	3.3	207.7	2.67	0.00
6	1	7	75	5.6	211.1	6.30	0.00
7	1	7	75	1.6	46.2	15.27	0.00
8	1	7	75	3.2	27.7	21.73	0.00
9	1	7	75	10.4	138.3	28.17	0.00
10	1	7	75	16.1	159.1	29.54	0.00
11	1	7	75	16.3	170.9	31.00	0.00
12	1	7	75	15.9	195.2	31.16	0.00
13	1	7	75	16.4	196.6	31.70	0.00
14	1	7	75	19.5	204.9	31.70	0.00
15	1	7	75	18.7	206.7	31.89	0.00
16	1	7	75	15.8	203.8	32.17	0.00
17	1	7	75	16.2	202.6	31.88	0.00
18	1	7	75	10.6	195.6	31.67	0.00
19	1	7	75	5.7	198.6	29.82	0.00
20	1	7	75	6.4	189.6	23.43	0.00
21	1	7	75	2.4	207.5	17.26	0.00
22	1	7	75	4.3	212.0	13.85	0.00
23	1	7	75	4.5	215.5	11.65	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	2	7	75	2.4	216.1	10.92	0.00
1	2	7	75	3.2	200.2	10.86	0.00
2	2	7	75	4.5	197.2	9.73	0.00
3	2	7	75	4.4	205.3	6.44	0.00
4	2	7	75	3.9	217.1	6.15	0.00
5	2	7	75	4.1	216.3	5.66	0.00
6	2	7	75	0.9	11.5	8.89	0.00
7	2	7	75	1.6	71.9	17.07	0.00
8	2	7	75	2.7	22.3	23.03	0.00
9	2	7	75	3.1	27.1	27.60	0.00
10	2	7	75	5.6	211.6	29.82	0.00
11	2	7	75	5.4	268.5	30.98	0.00
12	2	7	75	4.2	215.2	30.62	0.00
13	2	7	75	3.0	321.2	32.75	0.00
14	2	7	75	6.6	259.6	33.14	0.00
15	2	7	75	8.8	313.0	31.82	0.00
16	2	7	75	13.9	20.6	30.07	0.00
17	2	7	75	5.5	345.5	28.44	0.00
18	2	7	75	4.3	322.5	26.34	0.00
19	2	7	75	7.3	88.7	25.06	0.00
20	2	7	75	2.6	24.8	22.35	0.00
21	2	7	75	2.6	179.3	17.61	0.00
22	2	7	75	3.8	207.6	14.08	0.00
23	2	7	75	1.9	229.1	11.86	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	3	7	75	2.9	139.1	11.55	0.00
1	3	7	75	1.1	80.5	10.53	0.00
2	3	7	75	3.2	202.8	10.64	0.00
3	3	7	75	2.8	198.9	10.53	0.00
4	3	7	75	3.6	191.9	9.86	0.00
5	3	7	75	4.7	210.7	9.67	0.00
6	3	7	75	2.8	204.3	11.82	0.00
7	3	7	75	2.0	227.2	17.73	0.00
8	3	7	75	6.5	169.0	22.47	0.00
9	3	7	75	3.4	132.5	25.36	0.00
10	3	7	75	5.4	213.6	26.70	0.00
11	3	7	75	5.3	140.7	25.77	0.00
12	3	7	75	5.8	119.9	26.93	0.00
13	3	7	75	3.6	13.5	27.71	0.00
14	3	7	75	9.8	194.5	28.78	0.00
15	3	7	75	9.1	187.7	29.49	0.00
16	3	7	75	4.0	149.2	29.25	0.00
17	3	7	75	6.4	291.5	30.58	0.00
18	3	7	75	8.7	309.4	29.29	0.00
19	3	7	75	12.8	49.7	21.38	0.00
20	3	7	75	7.5	161.3	19.18	0.00
21	3	7	75	2.3	114.2	20.09	0.00
22	3	7	75	2.6	257.2	18.95	0.00
23	3	7	75	5.7	37.1	17.51	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	4	7	75	2.4	27.6	16.09	0.00
1	4	7	75	1.4	155.6	14.42	0.00
2	4	7	75	2.0	183.6	12.91	0.00
3	4	7	75	3.2	201.2	11.00	0.00
4	4	7	75	3.5	214.4	9.24	0.00
5	4	7	75	3.3	211.8	9.03	0.00
6	4	7	75	2.6	208.0	10.49	0.00
7	4	7	75	3.4	198.7	16.62	0.00
8	4	7	75	2.7	63.8	21.72	0.00
9	4	7	75	5.4	43.2	22.52	0.00
10	4	7	75	6.2	32.4	24.67	0.00
11	4	7	75	8.1	35.0	27.01	0.00
12	4	7	75	5.5	999.0	19.94	0.00
13	4	7	75	1.4	999.0	23.28	0.00
14	4	7	75	8.3	255.7	23.52	999.00
15	4	7	75	11.0	255.3	23.11	0.00
16	4	7	75	10.7	200.7	24.93	0.00
17	4	7	75	7.8	207.8	27.31	0.00
18	4	7	75	3.7	207.1	26.46	0.00
19	4	7	75	1.9	208.2	26.08	0.00
20	4	7	75	1.8	203.9	20.37	0.00
21	4	7	75	3.0	185.9	18.07	0.00
22	4	7	75	2.4	216.8	16.25	0.00
23	4	7	75	4.0	231.0	14.95	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WD10	AT10	PREC
0	5	7	75	5.5	211.8	13.99	0.00
1	5	7	75	1.0	127.9	12.22	0.00
2	5	7	75	4.3	205.2	11.41	0.00
3	5	7	75	5.2	219.9	10.97	0.00
4	5	7	75	1.8	209.9	9.74	0.00
5	5	7	75	3.2	224.9	9.33	0.00
6	5	7	75	2.3	231.5	9.14	0.00
7	5	7	75	4.0	222.2	15.36	0.00
8	5	7	75	5.2	39.6	19.49	0.00
9	5	7	75	3.2	24.9	21.63	0.00
10	5	7	75	3.2	42.5	22.52	0.00
11	5	7	75	3.8	312.3	25.19	0.00
12	5	7	75	5.7	9.8	25.96	0.00
13	5	7	75	6.4	352.4	27.04	0.00
14	5	7	75	4.6	332.0	28.32	0.00
15	5	7	75	6.1	163.7	29.00	0.00
16	5	7	75	7.8	48.3	29.71	0.00
17	5	7	75	7.2	31.8	27.43	0.00
18	5	7	75	6.6	284.8	25.98	0.00
19	5	7	75	12.3	18.8	25.22	0.00
20	5	7	75	15.5	39.2	22.33	0.00
21	5	7	75	6.3	34.0	21.28	0.00
22	5	7	75	2.1	222.1	18.52	0.00
23	5	7	75	5.3	208.7	16.09	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	6	7	75	1.8	206.6	15.85	0.00
1	6	7	75	3.3	222.3	13.75	0.00
2	6	7	75	2.7	206.6	11.68	0.00
3	6	7	75	4.9	212.0	10.68	0.00
4	6	7	75	2.4	221.7	9.45	0.00
5	6	7	75	2.9	231.7	8.01	0.00
6	6	7	75	1.3	202.8	10.51	0.00
7	6	7	75	1.5	207.3	15.97	0.00
8	6	7	75	2.8	76.2	19.51	0.00
9	6	7	75	4.6	51.1	21.19	0.00
10	6	7	75	8.3	29.7	22.50	0.00
11	6	7	75	7.0	42.5	24.47	0.00
12	6	7	75	6.1	38.8	26.13	0.00
13	6	7	75	7.9	43.1	27.25	0.00
14	6	7	75	8.1	42.2	28.38	0.00
15	6	7	75	10.2	38.5	29.13	0.00
16	6	7	75	9.5	17.5	29.85	0.00
17	6	7	75	11.2	30.1	29.84	0.00
18	6	7	75	9.0	19.9	29.74	0.00
19	6	7	75	7.3	32.2	28.16	0.00
20	6	7	75	1.6	213.5	22.91	0.00
21	6	7	75	4.4	206.4	19.35	0.00
22	6	7	75	5.7	213.5	17.10	0.00
23	6	7	75	4.5	221.7	15.17	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	7	7	75	5.5	215.8	14.39	0.00
1	7	7	75	3.3	217.7	13.02	0.00
2	7	7	75	3.5	226.3	11.33	0.00
3	7	7	75	4.1	225.8	9.45	0.00
4	7	7	75	3.8	209.7	10.05	0.00
5	7	7	75	3.3	215.9	9.23	0.00
6	7	7	75	1.0	313.3	11.59	0.00
7	7	7	75	1.1	197.4	17.84	0.00
8	7	7	75	1.9	100.6	23.25	0.00
9	7	7	75	2.9	354.3	25.79	0.00
10	7	7	75	4.4	7.0	27.28	0.00
11	7	7	75	5.3	51.3	28.92	0.00
12	7	7	75	7.2	58.9	30.08	0.00
13	7	7	75	6.5	60.6	30.83	0.00
14	7	7	75	10.9	43.2	30.28	0.00
15	7	7	75	9.9	29.6	30.77	0.00
16	7	7	75	10.8	28.6	31.40	0.00
17	7	7	75	12.5	13.5	30.64	0.00
18	7	7	75	10.5	13.7	30.82	0.00
19	7	7	75	12.2	38.0	29.06	0.00
20	7	7	75	1.1	35.9	24.56	0.00
21	7	7	75	3.8	216.4	18.79	0.00
22	7	7	75	3.9	226.0	17.40	0.00
23	7	7	75	2.2	215.6	16.14	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	8	7	75	4.6	216.0	14.71	0.00
1	8	7	75	4.2	221.6	13.57	0.00
2	8	7	75	4.8	222.3	13.05	0.00
3	8	7	75	3.3	205.8	12.96	0.00
4	8	7	75	3.0	243.2	11.53	0.00
5	8	7	75	3.3	215.2	11.11	0.00
6	8	7	75	4.6	215.4	12.49	0.00
7	8	7	75	1.9	46.5	18.69	0.00
8	8	7	75	2.3	126.9	20.95	0.00
9	8	7	75	4.4	50.5	22.81	0.00
10	8	7	75	4.1	33.9	25.59	0.00
11	8	7	75	5.2	17.0	27.21	0.00
12	8	7	75	6.9	45.5	28.79	0.00
13	8	7	75	5.2	3.7	28.81	0.00
14	8	7	75	3.3	63.1	28.62	0.00
15	8	7	75	8.9	205.3	23.04	0.00
16	8	7	75	9.8	206.8	22.60	0.00
17	8	7	75	2.6	223.4	23.51	0.00
18	8	7	75	11.1	326.3	24.44	0.00
19	8	7	75	4.6	309.2	22.33	0.00
20	8	7	75	3.1	122.0	21.74	0.00
21	8	7	75	2.5	206.2	18.75	0.00
22	8	7	75	7.5	214.6	17.43	0.00
23	8	7	75	6.0	220.4	17.86	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	9	7	75	3.2	105.8	13.14	0.00
1	9	7	75	6.5	49.8	16.15	0.00
2	9	7	75	12.3	174.6	16.75	0.00
3	9	7	75	11.4	204.4	16.49	0.00
4	9	7	75	9.6	201.7	16.03	0.00
5	9	7	75	4.3	188.5	15.67	0.00
6	9	7	75	5.8	73.9	15.67	0.00
7	9	7	75	2.5	62.9	16.58	0.00
8	9	7	75	2.6	168.7	18.74	0.00
9	9	7	75	4.8	170.9	22.01	0.00
10	9	7	75	3.6	57.2	24.77	0.00
11	9	7	75	3.2	101.0	26.07	0.00
12	9	7	75	6.8	12.5	26.64	0.00
13	9	7	75	3.9	356.0	27.42	0.00
14	9	7	75	2.1	134.2	26.75	0.00
15	9	7	75	10.5	207.8	18.83	0.00
16	9	7	75	4.2	179.8	22.21	0.00
17	9	7	75	2.1	2.2	23.83	0.07
18	9	7	75	14.3	34.6	22.27	0.00
19	9	7	75	9.9	349.6	19.81	0.00
20	9	7	75	5.3	324.6	16.89	0.00
21	9	7	75	2.4	206.1	15.35	0.00
22	9	7	75	1.1	59.5	14.40	0.00
23	9	7	75	0.9	116.1	14.11	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	10	7	75	2.9	220.5	13.64	0.00
1	10	7	75	2.4	204.3	12.06	0.00
2	10	7	75	2.4	204.3	12.06	0.00
3	10	7	75	2.4	230.1	11.16	0.00
4	10	7	75	1.5	203.8	10.82	0.00
5	10	7	75	2.4	220.1	9.97	0.00
6	10	7	75	3.9	191.7	11.90	0.00
7	10	7	75	0.9	219.0	15.47	0.00
8	10	7	75	1.7	89.8	19.24	0.00
9	10	7	75	1.9	127.9	21.26	0.00
10	10	7	75	3.5	347.9	22.25	0.00
11	10	7	75	4.4	55.1	24.01	0.00
12	10	7	75	4.7	350.6	25.64	0.00
13	10	7	75	5.9	23.9	26.80	999.00
14	10	7	75	6.3	26.7	27.84	0.00
15	10	7	75	10.1	37.2	28.49	0.00
16	10	7	75	6.1	23.7	28.71	0.00
17	10	7	75	16.5	213.8	27.78	0.00
18	10	7	75	9.6	266.0	26.57	0.00
19	10	7	75	4.2	263.5	24.87	0.00
20	10	7	75	1.5	245.2	21.74	0.00
21	10	7	75	4.0	214.5	17.06	0.00
22	10	7	75	4.2	227.9	15.31	0.00
23	10	7	75	4.0	216.0	14.37	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	11	7	75	3.0	216.3	13.32	0.00
1	11	7	75	3.8	215.6	12.49	0.00
2	11	7	75	4.1	220.1	11.77	0.00
3	11	7	75	3.1	230.7	10.37	0.00
4	11	7	75	2.6	226.7	9.16	0.00
5	11	7	75	1.6	208.0	8.10	0.00
6	11	7	75	3.0	224.7	9.47	0.00
7	11	7	75	1.8	34.3	15.72	0.00
8	11	7	75	2.5	43.7	20.71	0.00
9	11	7	75	2.7	231.7	22.38	0.00
10	11	7	75	4.7	65.7	24.09	0.00
11	11	7	75	6.0	24.9	25.53	0.00
12	11	7	75	9.7	44.9	26.23	0.00
13	11	7	75	9.3	26.9	26.76	0.00
14	11	7	75	8.3	43.7	27.33	0.00
15	11	7	75	9.2	16.6	27.48	0.00
16	11	7	75	12.7	27.9	28.19	0.00
17	11	7	75	11.8	33.7	27.97	0.00
18	11	7	75	11.6	53.1	27.68	0.00
19	11	7	75	9.1	47.6	25.92	0.00
20	11	7	75	3.5	34.4	22.19	0.00
21	11	7	75	4.4	224.4	16.06	0.00
22	11	7	75	4.1	235.0	13.90	0.00
23	11	7	75	4.6	224.7	13.15	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	12	7	75	3.3	230.7	12.01	0.00
1	12	7	75	3.8	235.9	11.35	0.00
2	12	7	75	3.1	226.5	9.89	0.00
3	12	7	75	5.2	219.1	9.89	0.00
4	12	7	75	2.5	240.2	7.97	0.00
5	12	7	75	3.2	224.2	6.67	0.00
6	12	7	75	2.5	241.4	8.66	0.00
7	12	7	75	1.1	108.6	12.18	0.00
8	12	7	75	2.9	48.7	17.16	0.00
9	12	7	75	3.3	68.6	20.39	0.00
10	12	7	75	4.6	69.6	23.15	0.00
11	12	7	75	4.9	230.6	24.54	0.00
12	12	7	75	7.2	220.4	25.03	0.00
13	12	7	75	6.4	265.7	26.02	0.00
14	12	7	75	8.5	226.5	26.85	0.00
15	12	7	75	6.1	246.3	27.30	0.00
16	12	7	75	4.8	217.0	27.32	0.00
17	12	7	75	4.3	54.3	27.86	0.00
18	12	7	75	5.2	233.3	27.30	0.00
19	12	7	75	3.3	71.6	25.99	0.00
20	12	7	75	6.7	201.5	22.44	0.00
21	12	7	75	4.6	228.0	18.93	0.00
22	12	7	75	2.6	222.4	16.43	0.00
23	12	7	75	4.3	227.4	14.78	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WD#10	AT10	PREC
0	13	7	75	3.0	243.6	12.74	0.00
1	13	7	75	3.6	208.4	11.32	0.00
2	13	7	75	4.2	223.5	11.45	0.00
3	13	7	75	4.9	235.5	12.22	0.00
4	13	7	75	4.1	232.6	10.37	0.00
5	13	7	75	3.2	222.0	10.19	0.00
6	13	7	75	2.7	239.2	12.75	0.00
7	13	7	75	4.9	196.2	19.65	0.00
8	13	7	75	4.2	181.7	22.41	0.00
9	13	7	75	4.8	164.3	23.54	0.00
10	13	7	75	5.4	145.4	25.10	0.00
11	13	7	75	7.6	233.3	25.60	0.00
12	13	7	75	13.9	234.9	25.97	0.00
13	13	7	75	9.1	185.7	26.59	0.00
14	13	7	75	10.5	135.6	20.92	0.00
15	13	7	75	4.9	192.7	24.11	0.00
16	13	7	75	7.5	216.0	26.79	0.00
17	13	7	75	10.4	269.6	25.08	999.00
18	13	7	75	6.6	263.7	24.92	0.00
19	13	7	75	4.4	259.8	24.42	0.00
20	13	7	75	3.2	177.7	20.92	0.00
21	13	7	75	1.4	205.8	18.36	0.00
22	13	7	75	5.4	223.3	16.72	0.00
23	13	7	75	4.6	226.9	14.63	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	14	7	75	3.1	243.3	12.45	0.00
1	14	7	75	3.5	232.6	11.42	0.00
2	14	7	75	4.4	226.1	11.68	0.00
3	14	7	75	2.5	228.1	10.67	0.00
4	14	7	75	3.7	227.0	9.99	0.00
5	14	7	75	2.8	239.1	9.37	0.00
6	14	7	75	1.3	234.3	10.73	0.00
7	14	7	75	1.1	153.7	17.17	0.00
8	14	7	75	1.6	11.3	21.34	0.00
9	14	7	75	1.9	100.4	23.72	0.00
10	14	7	75	2.0	104.7	26.31	0.00
11	14	7	75	3.6	98.2	26.74	0.00
12	14	7	75	6.1	83.9	27.73	0.00
13	14	7	75	4.4	287.0	27.55	0.00
14	14	7	75	2.9	190.3	27.42	0.00
15	14	7	75	5.0	169.7	29.76	0.00
16	14	7	75	8.4	199.2	26.02	0.00
17	14	7	75	6.5	195.9	28.32	0.00
18	14	7	75	7.6	219.4	27.55	0.00
19	14	7	75	6.2	199.1	25.52	0.00
20	14	7	75	7.0	21.4	23.70	0.00
21	14	7	75	7.5	48.7	22.10	0.00
22	14	7	75	4.5	132.7	21.04	0.00
23	14	7	75	8.6	182.8	20.92	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
++	++	++	++				
0	15	7	75	10.9	208.9	20.30	0.00
1	15	7	75	6.8	196.3	19.82	0.00
2	15	7	75	4.6	112.3	19.16	0.00
3	15	7	75	2.3	52.5	15.71	0.00
4	15	7	75	3.5	238.1	15.22	0.00
5	15	7	75	2.4	231.8	12.41	0.00
6	15	7	75	2.0	204.2	13.52	0.00
7	15	7	75	4.3	213.3	15.58	0.00
8	15	7	75	1.7	307.3	19.18	0.00
9	15	7	75	4.4	117.5	22.22	0.00
10	15	7	75	3.9	123.8	25.24	0.00
11	15	7	75	5.2	28.4	26.00	0.00
12	15	7	75	5.5	26.8	24.36	0.00
13	15	7	75	9.4	68.1	25.29	0.00
14	15	7	75	9.1	5.6	24.20	0.00
15	15	7	75	9.5	39.9	24.10	0.00
16	15	7	75	8.3	52.0	25.63	0.00
17	15	7	75	6.1	59.4	26.03	0.00
18	15	7	75	5.9	46.6	24.53	0.00
19	15	7	75	6.7	236.5	21.55	0.00
20	15	7	75	5.4	202.1	20.63	0.00
21	15	7	75	7.1	22.2	17.74	999.00
22	15	7	75	4.0	213.5	15.93	0.03
23	15	7	75	3.9	237.6	15.37	0.01

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	16	7	75	3.6	284.7	12.96	0.00
1	16	7	75	3.4	207.8	13.80	0.00
2	16	7	75	3.0	251.7	14.41	0.00
3	16	7	75	6.4	253.7	13.81	0.00
4	16	7	75	3.3	146.9	15.78	0.00
5	16	7	75	2.6	209.6	13.74	0.00
6	16	7	75	2.9	204.0	12.97	0.02
7	16	7	75	0.9	251.0	15.11	0.00
8	16	7	75	1.0	310.1	20.24	0.00
9	16	7	75	5.7	198.8	20.92	0.00
10	16	7	75	10.2	200.2	16.55	0.01
11	16	7	75	4.5	205.6	15.89	0.08
12	16	7	75	2.8	59.8	15.66	0.01
13	16	7	75	3.5	175.0	16.46	0.01
14	16	7	75	4.6	83.5	15.74	0.06
15	16	7	75	8.6	162.7	18.78	0.01
16	16	7	75	5.1	144.3	19.82	0.00
17	16	7	75	1.9	120.5	20.77	0.00
18	16	7	75	4.1	6.0	15.86	0.00
19	16	7	75	4.9	77.7	16.09	0.01
20	16	7	75	5.4	268.0	13.97	0.12
21	16	7	75	4.9	109.1	13.74	0.05
22	16	7	75	8.2	200.3	13.40	0.00
23	16	7	75	10.3	177.1	13.40	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	17	7	75	5.0	202.8	12.51	0.01
1	17	7	75	2.6	189.4	11.42	0.00
2	17	7	75	2.7	188.1	10.07	0.00
3	17	7	75	2.9	205.9	8.93	0.00
4	17	7	75	1.7	216.1	8.34	0.00
5	17	7	75	2.7	228.2	7.53	0.00
6	17	7	75	3.5	218.0	8.42	0.00
7	17	7	75	1.0	316.1	13.26	0.00
8	17	7	75	1.3	82.9	17.20	0.00
9	17	7	75	2.1	191.6	20.65	0.00
10	17	7	75	10.6	208.6	22.39	0.00
11	17	7	75	11.8	218.2	23.23	0.00
12	17	7	75	11.5	211.5	23.62	0.00
13	17	7	75	13.3	222.1	23.75	0.00
14	17	7	75	11.3	236.3	21.56	0.00
15	17	7	75	12.4	221.2	24.49	0.00
16	17	7	75	14.5	215.6	25.03	0.00
17	17	7	75	12.4	221.0	25.34	0.00
18	17	7	75	6.1	213.4	25.33	0.00
19	17	7	75	4.5	215.3	22.60	0.00
20	17	7	75	3.9	204.5	18.15	0.00
21	17	7	75	2.2	240.1	14.45	0.00
22	17	7	75	2.4	250.9	14.10	0.00
23	17	7	75	2.4	247.3	14.47	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	18	7	75	2.2	236.1	14.55	0.00
1	18	7	75	3.0	252.5	14.42	0.00
2	18	7	75	2.1	35.8	14.32	0.00
3	18	7	75	2.5	190.9	13.35	0.00
4	18	7	75	3.5	231.5	10.70	0.00
5	18	7	75	4.0	217.6	9.82	0.00
6	18	7	75	2.7	239.4	10.62	0.00
7	18	7	75	1.2	23.9	16.39	0.00
8	18	7	75	5.2	159.7	21.89	0.00
9	18	7	75	7.9	211.3	24.23	0.00
10	18	7	75	6.9	226.3	25.20	0.00
11	18	7	75	4.9	247.5	26.30	0.00
12	18	7	75	6.9	216.2	27.07	0.00
13	18	7	75	5.4	230.2	27.21	0.00
14	18	7	75	4.3	238.0	27.97	0.00
15	18	7	75	10.5	233.2	28.34	0.00
16	18	7	75	4.1	113.0	28.42	0.00
17	18	7	75	9.8	214.4	28.51	0.00
18	18	7	75	6.6	234.6	27.71	0.00
19	18	7	75	4.8	200.2	25.41	0.00
20	18	7	75	6.8	204.1	21.54	0.00
21	18	7	75	1.8	218.6	17.08	0.00
22	18	7	75	3.8	229.1	14.65	0.00
23	18	7	75	3.2	229.3	12.42	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	19	7	75	3.7	226.7	10.44	0.00
1	19	7	75	3.7	239.6	10.31	0.00
2	19	7	75	1.7	218.5	9.58	0.00
3	19	7	75	2.5	236.4	8.10	0.00
4	19	7	75	2.1	219.2	7.72	0.00
5	19	7	75	4.9	224.6	8.69	0.00
6	19	7	75	2.0	228.9	9.46	0.00
7	19	7	75	1.9	248.5	15.70	0.00
8	19	7	75	1.5	37.3	21.82	0.00
9	19	7	75	2.2	19.0	24.41	0.00
10	19	7	75	2.2	50.1	27.21	0.00
11	19	7	75	2.7	17.9	28.48	0.00
12	19	7	75	9.6	13.6	28.31	0.00
13	19	7	75	5.5	39.2	28.43	0.00
14	19	7	75	6.4	5.7	29.01	0.00
15	19	7	75	3.3	322.6	30.64	0.00
16	19	7	75	3.5	296.7	30.65	0.00
17	19	7	75	5.1	255.1	30.06	0.00
18	19	7	75	6.6	351.0	29.91	0.00
19	19	7	75	3.6	343.9	29.05	0.00
20	19	7	75	4.2	225.2	20.51	0.00
21	19	7	75	5.6	209.9	19.96	0.00
22	19	7	75	4.3	231.6	15.82	0.00
23	19	7	75	3.2	230.3	15.02	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	20	7	75	4.2	224.1	14.88	0.00
1	20	7	75	2.2	215.6	14.37	0.00
2	20	7	75	3.2	220.1	12.38	0.00
3	20	7	75	3.6	231.9	10.33	0.00
4	20	7	75	2.5	240.5	10.29	0.00
5	20	7	75	2.7	233.8	10.51	0.00
6	20	7	75	2.7	232.6	11.55	0.00
7	20	7	75	1.1	251.9	13.64	0.00
8	20	7	75	1.3	197.7	22.42	0.00
9	20	7	75	6.4	41.3	23.95	0.00
10	20	7	75	5.7	49.7	26.72	0.00
11	20	7	75	7.3	25.2	27.98	0.00
12	20	7	75	6.3	73.4	29.16	0.00
13	20	7	75	3.4	0.3	29.55	0.00
14	20	7	75	14.4	252.3	28.71	0.00
15	20	7	75	10.2	176.6	28.58	0.00
16	20	7	75	8.8	211.5	25.44	0.00
17	20	7	75	16.0	16.3	26.99	0.00
18	20	7	75	13.5	48.8	25.71	0.00
19	20	7	75	9.0	64.9	24.70	0.00
20	20	7	75	2.6	223.2	21.22	0.00
21	20	7	75	3.5	216.3	17.20	0.00
22	20	7	75	3.7	226.1	14.54	0.00
23	20	7	75	2.8	243.1	13.34	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	21	7	75	4.1	354.5	13.19	0.00
1	21	7	75	5.0	201.3	12.33	0.00
2	21	7	75	3.7	231.0	11.35	0.00
3	21	7	75	3.6	236.1	12.28	0.00
4	21	7	75	2.5	216.3	11.17	0.00
5	21	7	75	5.2	223.8	11.06	0.00
6	21	7	75	3.3	234.5	11.03	0.00
7	21	7	75	3.2	215.9	15.75	0.00
8	21	7	75	2.3	83.3	20.84	0.00
9	21	7	75	1.7	232.8	24.57	0.00
10	21	7	75	2.4	296.2	25.91	0.00
11	21	7	75	4.0	115.1	27.26	0.00
12	21	7	75	5.0	60.4	28.14	0.00
13	21	7	75	6.6	354.2	28.96	0.00
14	21	7	75	6.8	137.1	28.58	0.00
15	21	7	75	4.5	196.1	28.76	0.00
16	21	7	75	7.6	339.0	27.25	0.00
17	21	7	75	9.9	241.2	20.71	999.00
18	21	7	75	6.9	283.5	21.58	0.01
19	21	7	75	4.1	216.4	21.01	0.00
20	21	7	75	6.8	149.9	19.94	0.00
21	21	7	75	5.9	214.0	15.93	0.00
22	21	7	75	2.7	210.8	13.69	0.00
23	21	7	75	3.4	221.1	11.14	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	22	7	75	4.9	223.0	10.16	0.00
1	22	7	75	2.8	237.7	8.94	0.00
2	22	7	75	3.4	225.4	8.79	0.00
3	22	7	75	4.9	227.1	9.14	0.00
4	22	7	75	3.2	223.1	7.11	0.00
5	22	7	75	3.6	239.7	6.69	0.00
6	22	7	75	1.9	234.5	8.51	0.00
7	22	7	75	0.9	265.3	14.80	0.00
8	22	7	75	2.1	252.2	18.66	0.00
9	22	7	75	3.0	57.9	21.89	0.00
10	22	7	75	5.1	46.8	24.25	0.00
11	22	7	75	2.8	167.4	27.36	0.00
12	22	7	75	8.3	278.3	28.52	0.00
13	22	7	75	7.9	284.4	28.89	0.00
14	22	7	75	7.5	232.1	29.29	0.00
15	22	7	75	7.7	246.0	29.08	0.00
16	22	7	75	7.9	316.7	29.96	0.00
17	22	7	75	7.2	8.5	29.97	0.00
18	22	7	75	7.1	349.9	29.75	0.00
19	22	7	75	4.8	11.9	28.17	0.00
20	22	7	75	2.3	204.5	19.63	0.00
21	22	7	75	3.7	213.1	17.43	0.00
22	22	7	75	4.9	232.8	14.93	0.00
23	22	7	75	4.4	196.2	16.61	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	23	7	75	1.9	355.4	15.20	0.00
1	23	7	75	4.0	227.6	13.63	0.00
2	23	7	75	3.8	228.1	12.52	0.00
3	23	7	75	2.6	239.1	11.05	0.00
4	23	7	75	3.9	225.2	10.14	0.00
5	23	7	75	5.4	225.3	9.73	0.00
6	23	7	75	1.7	226.4	10.28	0.00
7	23	7	75	0.9	119.4	16.19	0.00
8	23	7	75	3.4	48.8	20.30	0.00
9	23	7	75	3.5	48.1	22.44	0.00
10	23	7	75	5.6	74.7	24.20	0.00
11	23	7	75	7.9	21.7	26.06	0.00
12	23	7	75	11.8	32.6	26.78	0.00
13	23	7	75	10.2	30.3	27.23	0.00
14	23	7	75	8.0	18.2	28.49	0.00
15	23	7	75	7.4	349.8	28.94	0.00
16	23	7	75	8.4	353.0	29.99	0.00
17	23	7	75	11.0	31.6	28.70	0.00
18	23	7	75	7.4	36.1	28.92	0.00
19	23	7	75	4.2	23.7	27.28	0.00
20	23	7	75	2.6	230.9	21.93	0.00
21	23	7	75	3.4	229.1	15.36	0.00
22	23	7	75	5.1	233.6	12.88	0.00
23	23	7	75	4.0	230.9	12.60	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	24	7	75	4.9	211.4	12.47	0.00
1	24	7	75	4.3	230.4	10.41	0.00
2	24	7	75	3.2	232.1	8.62	0.00
3	24	7	75	4.5	226.8	8.48	0.00
4	24	7	75	3.8	223.6	7.41	0.00
5	24	7	75	3.1	239.9	6.77	0.00
6	24	7	75	1.6	216.3	9.23	0.00
7	24	7	75	3.1	44.9	14.27	0.00
8	24	7	75	4.2	52.9	18.34	0.00
9	24	7	75	4.1	66.1	21.91	0.00
10	24	7	75	5.6	58.0	24.04	0.00
11	24	7	75	5.3	97.2	26.13	0.00
12	24	7	75	7.4	11.5	27.26	0.00
13	24	7	75	10.4	307.0	28.19	0.00
14	24	7	75	6.4	259.9	28.60	0.00
15	24	7	75	6.1	260.8	29.10	0.00
16	24	7	75	6.1	0.4	29.85	0.00
17	24	7	75	7.5	14.5	29.90	0.00
18	24	7	75	8.0	15.3	29.12	0.00
19	24	7	75	5.4	24.4	28.23	0.00
20	24	7	75	4.1	60.5	25.31	0.00
21	24	7	75	2.5	237.4	20.05	0.00
22	24	7	75	3.8	212.5	16.23	0.00
23	24	7	75	6.5	194.3	15.33	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	25	7	75	3.1	205.0	12.27	0.00
1	25	7	75	3.1	209.5	10.25	0.00
2	25	7	75	4.1	226.4	9.54	0.00
3	25	7	75	4.4	228.2	7.92	0.00
4	25	7	75	3.0	225.6	6.77	0.00
5	25	7	75	3.3	232.0	6.35	0.00
6	25	7	75	2.3	227.9	8.28	0.00
7	25	7	75	0.8	221.4	14.99	0.00
8	25	7	75	1.4	68.3	19.64	0.00
9	25	7	75	1.6	70.4	22.79	0.00
10	25	7	75	2.5	27.1	23.25	0.00
11	25	7	75	7.3	64.2	25.61	0.00
12	25	7	75	8.0	68.5	26.68	0.00
13	25	7	75	5.7	253.8	27.84	0.00
14	25	7	75	7.2	276.4	29.21	0.00
15	25	7	75	10.7	333.6	29.13	0.00
16	25	7	75	8.1	70.3	28.99	0.00
17	25	7	75	6.3	157.3	28.55	0.00
18	25	7	75	9.3	84.5	27.23	0.00
19	25	7	75	3.6	107.7	26.34	0.00
20	25	7	75	3.1	210.9	20.68	0.00
21	25	7	75	3.7	204.6	17.69	0.00
22	25	7	75	5.3	221.3	15.54	0.00
23	25	7	75	3.3	235.9	12.43	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	26	7	75	3.4	234.5	10.19	0.00
1	26	7	75	4.1	236.0	9.30	0.00
2	26	7	75	3.4	225.3	8.24	0.00
3	26	7	75	3.8	241.9	7.39	0.00
4	26	7	75	4.2	233.3	6.89	0.00
5	26	7	75	4.2	240.7	6.34	0.00
6	26	7	75	3.1	237.0	8.10	0.00
7	26	7	75	3.1	228.9	9.26	0.00
8	26	7	75	2.8	39.9	15.37	0.00
9	26	7	75	2.2	323.1	22.54	0.00
10	26	7	75	3.1	39.6	25.95	0.00
11	26	7	75	5.3	9.3	27.23	0.00
12	26	7	75	6.7	61.7	28.43	0.00
13	26	7	75	6.9	72.5	29.25	0.00
14	26	7	75	6.8	13.8	30.39	0.00
15	26	7	75	5.0	69.5	29.88	0.00
16	26	7	75	11.7	160.3	28.77	0.00
17	26	7	75	5.8	172.4	28.62	0.00
18	26	7	75	8.7	68.8	27.76	0.00
19	26	7	75	3.5	74.9	26.94	0.00
20	26	7	75	3.9	156.0	24.14	0.00
21	26	7	75	2.5	234.8	19.53	0.00
22	26	7	75	4.2	232.7	13.55	0.00
23	26	7	75	4.8	233.3	13.38	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	27	7	75	3.1	228.8	11.32	0.00
1	27	7	75	4.3	208.7	10.07	0.00
2	27	7	75	4.1	222.8	9.43	0.00
3	27	7	75	3.2	234.6	7.88	0.00
4	27	7	75	5.1	237.2	6.51	0.00
5	27	7	75	4.8	237.3	6.15	0.00
6	27	7	75	3.4	230.0	6.97	0.00
7	27	7	75	1.4	235.2	14.90	0.00
8	27	7	75	3.3	53.8	19.63	0.00
9	27	7	75	2.9	32.3	23.80	0.00
10	27	7	75	3.7	20.7	26.84	0.00
11	27	7	75	4.9	234.2	28.13	0.00
12	27	7	75	3.7	290.2	28.80	0.00
13	27	7	75	4.3	281.0	30.04	0.00
14	27	7	75	3.6	149.3	31.29	0.00
15	27	7	75	6.4	139.3	30.58	0.00
16	27	7	75	5.0	156.0	31.15	0.00
17	27	7	75	6.8	179.8	30.57	0.00
18	27	7	75	7.4	213.8	26.85	0.00
19	27	7	75	6.6	200.0	25.43	0.00
20	27	7	75	5.9	202.7	22.26	0.00
21	27	7	75	9.7	157.2	23.14	0.00
22	27	7	75	6.1	172.8	21.75	0.00
23	27	7	75	6.7	217.4	15.86	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	28	7	75	3.0	255.1	13.62	0.00
1	28	7	75	3.1	207.0	12.80	0.00
2	28	7	75	4.1	229.9	13.96	0.00
3	28	7	75	1.8	194.6	14.89	0.00
4	28	7	75	2.2	253.9	14.19	0.00
5	28	7	75	2.0	158.0	13.13	0.00
6	28	7	75	2.6	220.6	11.48	0.00
7	28	7	75	3.8	226.0	14.22	0.00
8	28	7	75	2.0	240.9	19.09	0.00
9	28	7	75	3.8	210.5	25.32	0.00
10	28	7	75	3.9	122.9	27.88	0.00
11	28	7	75	5.3	261.4	27.45	0.00
12	28	7	75	999.0	999.0	999.00	0.00
13	28	7	75	7.6	104.4	23.94	0.00
14	28	7	75	8.4	306.0	23.97	0.00
15	28	7	75	5.9	182.9	27.19	0.00
16	28	7	75	6.1	169.2	26.05	0.00
17	28	7	75	5.0	154.8	28.00	0.00
18	28	7	75	3.7	111.6	27.72	0.00
19	28	7	75	2.9	209.2	25.08	0.00
20	28	7	75	5.9	223.2	21.47	0.00
21	28	7	75	2.6	205.2	19.92	0.00
22	28	7	75	5.1	223.2	21.47	0.00
23	28	7	75	4.9	243.0	16.22	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	29	7	75	3.1	245.5	15.78	0.00
1	29	7	75	2.8	227.2	13.97	0.00
2	29	7	75	4.3	226.5	12.40	0.00
3	29	7	75	4.6	227.6	13.84	0.00
4	29	7	75	1.6	294.5	13.18	0.00
5	29	7	75	2.2	230.2	14.03	0.00
6	29	7	75	1.2	215.7	14.46	0.00
7	29	7	75	0.7	210.2	17.33	0.00
8	29	7	75	3.6	45.1	18.49	0.00
9	29	7	75	3.7	171.2	23.32	0.00
10	29	7	75	4.1	224.5	21.86	0.00
11	29	7	75	9.4	218.2	24.74	0.00
12	29	7	75	10.9	200.1	25.90	0.00
13	29	7	75	5.7	234.9	26.47	0.00
14	29	7	75	13.9	200.1	27.01	0.00
15	29	7	75	13.5	198.0	26.87	0.00
16	29	7	75	13.5	215.6	27.36	0.00
17	29	7	75	15.6	181.8	27.29	0.00
18	29	7	75	12.0	204.5	25.58	0.00
19	29	7	75	7.3	174.0	24.18	0.00
20	29	7	75	18.3	237.2	17.26	0.00
21	29	7	75	4.2	211.4	16.77	0.01
22	29	7	75	6.8	165.4	18.32	0.00
23	29	7	75	6.3	188.6	17.76	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	30	7	75	6.9	215.9	16.94	0.00
1	30	7	75	4.5	182.9	16.54	0.00
2	30	7	75	7.1	203.5	16.53	0.00
3	30	7	75	8.3	182.2	15.55	0.00
4	30	7	75	2.1	208.0	13.58	0.00
5	30	7	75	1.7	216.6	12.60	0.00
6	30	7	75	3.8	216.7	12.31	0.00
7	30	7	75	5.5	226.7	15.65	0.00
8	30	7	75	8.1	213.1	15.28	0.00
9	30	7	75	4.3	177.4	15.03	0.00
10	30	7	75	999.0	999.0	999.00	999.00
11	30	7	75	6.4	180.3	20.37	0.00
12	30	7	75	6.0	157.3	22.69	0.00
13	30	7	75	7.4	162.4	22.94	0.00
14	30	7	75	8.1	214.6	24.00	0.00
15	30	7	75	5.7	142.7	24.66	0.00
16	30	7	75	8.8	211.5	26.44	0.00
17	30	7	75	13.7	211.2	25.95	0.00
18	30	7	75	12.3	219.9	25.31	0.00
19	30	7	75	9.9	190.5	19.00	0.00
20	30	7	75	6.1	211.6	20.23	0.00
21	30	7	75	2.5	216.6	16.43	0.00
22	30	7	75	3.6	181.5	14.97	0.00
23	30	7	75	2.6	210.3	15.31	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	31	7	75	4.4	233.0	11.72	0.04
1	31	7	75	4.3	235.6	11.01	0.00
2	31	7	75	3.8	234.7	9.25	0.00
3	31	7	75	3.4	217.5	11.10	0.00
4	31	7	75	2.0	224.5	10.13	0.00
5	31	7	75	2.2	319.7	10.12	0.00
6	31	7	75	2.9	221.2	9.65	0.00
7	31	7	75	3.2	221.6	14.10	0.00
8	31	7	75	3.2	59.9	18.03	0.00
9	31	7	75	2.0	156.0	21.22	0.00
10	31	7	75	3.6	129.7	23.87	0.00
11	31	7	75	4.7	226.7	24.43	0.00
12	31	7	75	13.6	215.0	25.86	0.00
13	31	7	75	11.6	311.2	21.98	0.00
14	31	7	75	13.0	293.7	24.44	0.00
15	31	7	75	11.1	288.9	25.38	0.00
16	31	7	75	10.3	257.6	26.40	0.00
17	31	7	75	10.5	252.6	26.10	0.00
18	31	7	75	9.6	252.4	24.97	0.00
19	31	7	75	4.7	246.7	23.74	0.00
20	31	7	75	9.6	270.8	20.92	0.00
21	31	7	75	14.3	240.5	16.25	0.00
22	31	7	75	5.4	192.3	16.25	0.00
23	31	7	75	5.2	210.0	16.30	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	1	8	75	5.6	39.8	14.91	0.00
1	1	8	75	3.2	281.1	14.81	0.00
2	1	8	75	1.2	229.3	13.19	0.00
3	1	8	75	3.3	221.5	12.64	0.00
4	1	8	75	3.5	8.4	13.87	0.00
5	1	8	75	5.5	213.4	10.43	0.00
6	1	8	75	2.0	208.0	9.23	0.00
7	1	8	75	2.6	219.0	12.85	0.00
8	1	8	75	2.8	70.2	17.00	0.00
9	1	8	75	6.2	30.2	18.07	0.00
10	1	8	75	6.4	13.4	19.28	0.00
11	1	8	75	4.4	73.9	20.77	0.00
12	1	8	75	4.2	246.0	22.24	0.00
13	1	8	75	5.1	97.3	22.87	0.00
14	1	8	75	7.1	167.8	24.34	0.00
15	1	8	75	9.1	300.0	24.83	0.00
16	1	8	75	8.2	281.3	25.02	0.00
17	1	8	75	8.7	292.6	24.85	0.00
18	1	8	75	7.6	285.9	24.79	0.00
19	1	8	75	3.1	309.3	23.77	0.00
20	1	8	75	3.5	209.2	14.85	0.00
21	1	8	75	4.2	195.3	13.14	0.00
22	1	8	75	3.3	221.3	10.01	0.00
23	1	8	75	4.1	219.3	9.40	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	2	8	75	2.9	233.8	6.74	0.00
1	2	8	75	2.6	242.7	4.67	0.00
2	2	8	75	2.6	229.3	4.68	0.00
3	2	8	75	3.3	226.3	3.35	0.00
4	2	8	75	3.7	244.5	0.70	0.00
5	2	8	75	2.6	239.0	0.66	0.00
6	2	8	75	2.9	238.5	1.32	0.00
7	2	8	75	1.7	22.0	10.25	0.00
8	2	8	75	2.3	70.5	15.91	0.00
9	2	8	75	2.7	91.9	19.29	0.00
10	2	8	75	4.7	42.6	21.42	0.00
11	2	8	75	4.6	30.8	23.02	0.00
12	2	8	75	5.3	64.6	24.74	0.00
13	2	8	75	8.1	287.7	25.78	0.00
14	2	8	75	8.0	291.9	26.38	0.00
15	2	8	75	11.3	277.6	26.50	0.00
16	2	8	75	11.3	266.4	26.58	0.00
17	2	8	75	10.6	275.7	26.57	0.00
18	2	8	75	11.2	252.7	26.15	0.00
19	2	8	75	4.9	272.5	24.76	0.00
20	2	8	75	2.3	210.3	15.09	0.00
21	2	8	75	3.7	227.0	13.03	0.00
22	2	8	75	6.6	222.1	11.92	0.00
23	2	8	75	3.1	231.8	8.47	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	3	8	75	4.9	221.8	8.57	0.00
1	3	8	75	2.9	237.8	7.03	0.00
2	3	8	75	2.3	212.9	4.69	0.00
3	3	8	75	3.6	229.5	3.20	0.00
4	3	8	75	3.0	230.1	2.06	0.00
5	3	8	75	4.5	220.6	1.91	0.00
6	3	8	75	2.6	239.2	2.73	0.00
7	3	8	75	1.8	228.0	10.42	0.00
8	3	8	75	2.2	40.8	17.63	0.00
9	3	8	75	3.2	27.4	21.10	0.00
10	3	8	75	4.4	100.7	23.53	0.00
11	3	8	75	4.9	117.6	25.32	0.00
12	3	8	75	8.3	50.8	25.76	0.00
13	3	8	75	5.4	54.3	26.64	0.00
14	3	8	75	8.6	328.4	27.55	0.00
15	3	8	75	7.3	290.3	27.99	0.00
16	3	8	75	4.8	229.4	28.13	0.00
17	3	8	75	5.2	285.0	28.23	0.00
18	3	8	75	5.2	316.6	27.91	0.00
19	3	8	75	3.4	309.9	26.16	0.00
20	3	8	75	6.9	207.0	18.23	0.00
21	3	8	75	3.8	218.9	13.47	0.00
22	3	8	75	3.4	190.9	11.05	0.00
23	3	8	75	5.5	228.1	8.98	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
++	++	++	++				
0	4	8	75	2.6	206.9	7.50	0.00
1	4	8	75	3.6	211.9	5.11	0.00
2	4	8	75	2.9	225.5	4.19	0.00
3	4	8	75	3.2	235.9	2.48	0.00
4	4	8	75	6.1	230.0	1.89	0.00
5	4	8	75	4.8	230.4	2.90	0.00
6	4	8	75	2.6	250.7	3.69	0.00
7	4	8	75	1.7	93.1	11.58	0.00
8	4	8	75	3.6	31.6	17.44	0.00
9	4	8	75	3.2	40.5	21.39	0.00
10	4	8	75	5.7	47.3	24.87	0.00
11	4	8	75	3.7	261.0	28.49	0.00
12	4	8	75	9.7	266.3	28.97	0.00
13	4	8	75	8.9	287.4	29.58	0.00
14	4	8	75	9.5	309.0	30.27	0.00
15	4	8	75	10.7	316.6	30.46	0.00
16	4	8	75	5.6	341.6	30.80	0.00
17	4	8	75	7.2	357.5	30.66	0.00
18	4	8	75	5.2	323.5	30.47	999.00
19	4	8	75	1.7	329.4	27.28	999.00
20	4	8	75	3.9	214.9	18.10	0.00
21	4	8	75	5.8	229.9	15.31	0.00
22	4	8	75	3.8	225.2	14.07	0.00
23	4	8	75	4.6	218.8	11.11	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	5	8	75	4.4	213.4	8.87	0.00
1	5	8	75	6.3	233.6	6.69	0.00
2	5	8	75	4.7	234.9	6.37	0.00
3	5	8	75	3.9	241.5	5.57	0.00
4	5	8	75	3.8	233.3	4.62	0.00
5	5	8	75	4.6	234.2	4.34	0.00
6	5	8	75	4.1	236.5	5.12	0.00
7	5	8	75	4.0	237.6	12.91	0.00
8	5	8	75	3.2	58.4	19.36	0.00
9	5	8	75	2.9	49.1	25.03	0.00
10	5	8	75	4.5	35.3	29.55	0.00
11	5	8	75	4.8	212.6	31.03	0.00
12	5	8	75	3.7	140.3	31.48	0.00
13	5	8	75	3.2	340.0	31.53	0.00
14	5	8	75	10.0	232.6	32.15	0.00
15	5	8	75	11.5	214.7	32.06	0.00
16	5	8	75	12.6	232.7	31.88	0.00
17	5	8	75	6.4	216.9	31.50	0.00
18	5	8	75	8.9	229.3	30.56	0.00
19	5	8	75	3.9	208.9	28.25	0.00
20	5	8	75	5.7	205.5	21.84	0.00
21	5	8	75	3.9	231.9	15.98	0.00
22	5	8	75	1.5	174.2	15.11	0.00
23	5	8	75	4.8	229.4	12.67	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	6	8	75	4.6	247.9	11.31	0.00
1	6	8	75	3.6	247.6	9.96	0.00
2	6	8	75	5.1	232.4	8.96	0.00
3	6	8	75	5.5	238.6	8.85	0.00
4	6	8	75	3.3	228.9	8.21	0.00
5	6	8	75	3.9	230.2	7.41	0.00
6	6	8	75	3.4	235.7	8.12	0.00
7	6	8	75	1.8	67.0	13.31	0.00
8	6	8	75	5.0	58.0	18.24	0.00
9	6	8	75	3.6	41.9	23.71	0.00
10	6	8	75	4.5	349.9	30.40	0.00
11	6	8	75	6.5	309.5	30.32	0.00
12	6	8	75	7.5	189.9	29.48	0.00
13	6	8	75	13.9	204.6	29.40	0.00
14	6	8	75	13.6	256.5	28.93	0.00
15	6	8	75	10.1	236.0	30.72	0.00
16	6	8	75	11.4	219.7	30.62	0.00
17	6	8	75	6.9	213.4	30.91	0.00
18	6	8	75	9.4	279.0	30.62	0.00
19	6	8	75	9.3	231.6	27.94	0.00
20	6	8	75	8.1	197.8	24.64	0.00
21	6	8	75	3.7	218.5	21.41	0.00
22	6	8	75	4.7	215.8	20.14	0.00
23	6	8	75	3.7	220.8	15.95	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	7	8	75	2.0	219.8	14.57	0.00
1	7	8	75	3.7	225.4	11.86	0.00
2	7	8	75	3.7	231.2	9.82	0.00
3	7	8	75	3.8	227.2	10.45	0.00
4	7	8	75	4.4	238.7	9.40	0.00
5	7	8	75	4.0	239.8	9.22	0.00
6	7	8	75	3.0	234.8	11.65	0.00
7	7	8	75	2.2	211.7	19.73	0.00
8	7	8	75	15.7	219.7	26.58	0.00
9	7	8	75	16.1	225.8	28.24	0.00
10	7	8	75	15.5	223.4	28.93	0.00
11	7	8	75	15.6	212.1	29.43	0.00
12	7	8	75	17.7	211.7	30.17	0.00
13	7	8	75	16.6	232.2	30.66	0.00
14	7	8	75	13.4	216.5	30.35	0.00
15	7	8	75	15.4	215.3	31.64	0.00
16	7	8	75	9.0	216.0	32.08	0.00
17	7	8	75	11.8	261.5	30.30	0.00
18	7	8	75	10.0	171.4	28.13	0.00
19	7	8	75	8.6	205.8	26.60	0.00
20	7	8	75	9.0	196.9	24.58	0.00
21	7	8	75	5.8	237.8	21.40	0.00
22	7	8	75	1.8	156.4	19.08	0.00
23	7	8	75	3.7	222.0	14.19	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	8	8	75	3.7	218.0	12.64	0.00
1	8	8	75	4.7	242.0	10.11	0.00
2	8	8	75	5.5	240.7	8.20	0.00
3	8	8	75	5.3	237.1	6.39	0.00
4	8	8	75	3.9	240.9	5.55	0.00
5	8	8	75	3.3	219.7	4.53	0.00
6	8	8	75	3.3	237.2	3.99	0.00
7	8	8	75	1.4	78.5	12.99	0.00
8	8	8	75	4.9	59.3	17.36	0.00
9	8	8	75	4.2	33.2	21.51	0.00
10	8	8	75	3.1	336.8	24.48	0.00
11	8	8	75	4.4	82.1	27.21	0.00
12	8	8	75	7.4	247.7	29.16	0.00
13	8	8	75	9.3	259.6	29.52	0.00
14	8	8	75	8.8	266.0	30.01	0.00
15	8	8	75	9.5	290.2	30.43	0.00
16	8	8	75	9.0	310.1	30.30	0.00
17	8	8	75	9.1	301.1	30.18	0.00
18	8	8	75	9.3	296.7	30.24	0.00
19	8	8	75	4.2	316.6	28.11	0.00
20	8	8	75	4.5	212.4	8.21	0.00
21	8	8	75	4.6	220.4	15.67	0.00
22	8	8	75	5.6	228.8	12.28	0.00
23	8	8	75	3.7	238.4	11.43	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	9	8	75	3.2	223.5	10.21	0.00
1	9	8	75	3.6	232.5	8.77	0.00
2	9	8	75	4.6	223.3	9.61	0.00
3	9	8	75	3.8	240.4	8.70	0.00
4	9	8	75	2.3	202.7	5.82	0.00
5	9	8	75	3.0	231.8	3.81	0.00
6	9	8	75	3.2	229.6	5.03	0.00
7	9	8	75	2.3	237.5	12.88	0.00
8	9	8	75	3.4	42.7	18.39	0.00
9	9	8	75	2.1	358.8	23.56	0.00
10	9	8	75	4.8	39.8	25.62	0.00
11	9	8	75	3.8	62.2	27.68	0.00
12	9	8	75	5.9	105.1	29.09	0.00
13	9	8	75	6.3	43.9	30.56	0.00
14	9	8	75	9.1	334.8	31.08	0.00
15	9	8	75	7.1	248.6	31.35	0.00
16	9	8	75	6.2	304.5	31.54	0.00
17	9	8	75	7.2	323.6	31.22	0.00
18	9	8	75	8.9	356.2	30.42	0.00
19	9	8	75	2.2	312.7	26.45	0.00
20	9	8	75	4.6	214.6	18.73	0.00
21	9	8	75	4.3	219.4	17.42	0.00
22	9	8	75	4.0	220.4	16.05	0.00
23	9	8	75	4.4	218.4	14.46	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
++	++	++	++				
0	10	8	75	3.9	225.5	12.39	0.00
1	10	8	75	3.0	231.2	9.89	0.00
2	10	8	75	2.0	211.7	8.00	0.00
3	10	8	75	3.4	224.6	7.17	0.00
4	10	8	75	3.4	217.4	7.65	0.00
5	10	8	75	2.9	226.0	6.05	0.00
6	10	8	75	3.7	238.3	7.24	0.00
7	10	8	75	3.1	52.3	11.95	0.00
8	10	8	75	2.5	73.0	19.75	0.00
9	10	8	75	3.1	30.4	25.12	0.00
10	10	8	75	3.2	85.5	29.58	0.00
11	10	8	75	7.4	202.5	30.29	0.00
12	10	8	75	7.3	293.4	30.24	0.00
13	10	8	75	7.5	152.4	29.23	0.00
14	10	8	75	10.5	176.4	27.33	0.00
15	10	8	75	12.6	204.3	26.73	0.00
16	10	8	75	11.9	147.8	25.79	0.00
17	10	8	75	11.1	152.3	25.35	0.00
18	10	8	75	3.2	115.4	25.09	0.00
19	10	8	75	3.5	112.1	24.04	0.00
20	10	8	75	8.0	186.0	23.33	0.00
21	10	8	75	4.9	227.8	20.34	0.00
22	10	8	75	4.4	206.7	19.15	0.00
23	10	8	75	4.9	209.8	18.12	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	11	8	75	1.2	319.4	16.24	0.00
1	11	8	75	4.9	224.4	18.30	0.00
2	11	8	75	4.0	19.1	18.60	0.00
3	11	8	75	2.5	202.2	17.50	0.00
4	11	8	75	5.9	218.8	17.46	0.00
5	11	8	75	2.2	229.4	16.35	0.00
6	11	8	75	2.4	1.7	15.49	0.00
7	11	8	75	3.9	40.2	19.60	0.00
8	11	8	75	2.0	57.6	24.96	0.00
9	11	8	75	4.9	238.0	25.23	0.00
10	11	8	75	9.1	270.0	24.94	0.00
11	11	8	75	8.0	311.3	25.48	0.00
12	11	8	75	8.8	291.3	25.32	0.00
13	11	8	75	6.0	189.8	24.82	0.00
14	11	8	75	13.5	181.4	23.48	0.00
15	11	8	75	13.5	163.8	23.74	0.00
16	11	8	75	10.4	160.6	23.83	0.00
17	11	8	75	9.0	157.8	24.48	0.00
18	11	8	75	4.1	157.1	23.77	0.00
19	11	8	75	2.6	221.8	21.87	0.00
20	11	8	75	11.9	311.2	17.20	0.00
21	11	8	75	4.7	5.3	16.15	0.00
22	11	8	75	4.4	93.7	15.04	0.00
23	11	8	75	4.2	197.1	14.37	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	12	8	75	2.2	202.9	11.98	0.00
1	12	8	75	5.1	213.8	11.01	0.00
2	12	8	75	3.3	219.9	9.24	0.00
3	12	8	75	2.0	223.2	7.77	0.00
4	12	8	75	3.7	230.0	6.23	0.00
5	12	8	75	3.8	233.8	5.05	0.00
6	12	8	75	3.4	242.7	5.49	0.00
7	12	8	75	1.2	333.3	12.28	0.00
8	12	8	75	5.8	38.3	15.90	0.00
9	12	8	75	3.8	37.5	19.05	0.00
10	12	8	75	3.5	40.6	22.25	0.00
11	12	8	75	4.6	85.2	24.33	0.00
12	12	8	75	7.1	13.9	25.47	0.00
13	12	8	75	6.8	345.9	26.15	0.00
14	12	8	75	4.3	313.6	26.33	0.00
15	12	8	75	2.7	239.1	26.57	0.00
16	12	8	75	8.3	283.0	25.19	0.00
17	12	8	75	12.4	329.4	22.41	0.00
18	12	8	75	6.1	4.1	20.73	0.00
19	12	8	75	4.3	66.3	19.27	0.00
20	12	8	75	3.1	344.4	18.66	0.00
21	12	8	75	5.8	209.3	18.13	0.00
22	12	8	75	6.2	216.7	16.46	0.00
23	12	8	75	2.2	200.7	15.05	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	13	8	75	2.0	226.8	13.22	0.00
1	13	8	75	2.9	216.3	12.37	0.00
2	13	8	75	2.9	209.7	10.55	0.00
3	13	8	75	3.3	222.0	9.10	0.00
4	13	8	75	4.0	233.5	7.39	0.00
5	13	8	75	3.9	239.3	5.97	0.00
6	13	8	75	2.3	244.1	7.43	0.00
7	13	8	75	1.2	205.6	9.25	0.00
8	13	8	75	1.5	358.6	16.27	0.00
9	13	8	75	1.7	71.8	17.94	0.00
10	13	8	75	3.8	48.4	21.06	0.00
11	13	8	75	5.7	20.9	23.70	0.00
12	13	8	75	6.6	321.2	23.77	0.00
13	13	8	75	8.2	234.4	22.99	0.00
14	13	8	75	7.9	120.3	23.69	0.00
15	13	8	75	7.6	265.6	24.70	0.00
16	13	8	75	11.5	357.6	22.91	0.00
17	13	8	75	17.5	249.8	19.80	0.00
18	13	8	75	15.4	245.2	16.83	0.00
19	13	8	75	5.3	279.0	19.52	0.00
20	13	8	75	3.2	218.1	16.39	0.00
21	13	8	75	4.5	200.9	13.66	0.00
22	13	8	75	2.7	222.4	11.86	0.00
23	13	8	75	4.2	199.9	10.06	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	14	8	75	3.5	236.6	8.56	0.00
1	14	8	75	4.5	237.1	7.71	0.00
2	14	8	75	3.9	236.2	6.60	0.00
3	14	8	75	4.5	233.3	5.94	0.00
4	14	8	75	4.0	240.8	5.76	0.00
5	14	8	75	5.7	232.2	7.71	0.00
6	14	8	75	5.3	225.8	8.86	0.00
7	14	8	75	4.1	235.9	12.81	0.00
8	14	8	75	2.7	236.6	17.37	0.00
9	14	8	75	3.9	172.5	21.44	0.00
10	14	8	75	8.5	235.9	23.87	0.00
11	14	8	75	7.0	265.2	24.03	0.00
12	14	8	75	15.3	268.9	24.90	0.00
13	14	8	75	999.0	999.0	999.00	0.00
14	14	8	75	999.0	999.0	999.00	0.00
15	14	8	75	999.0	999.0	999.00	0.00
16	14	8	75	999.0	999.0	999.00	0.00
17	14	8	75	999.0	999.0	999.00	0.00
18	14	8	75	999.0	999.0	999.00	0.00
19	14	8	75	999.0	999.0	999.00	0.00
20	14	8	75	3.9	203.7	13.63	0.00
21	14	8	75	2.6	212.4	12.12	0.00
22	14	8	75	3.0	117.3	11.17	0.00
23	14	8	75	2.9	180.0	9.51	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	15	8	75	3.8	223.3	7.44	0.00
1	15	8	75	2.0	162.0	6.78	0.00
2	15	8	75	3.5	217.4	6.49	0.00
3	15	8	75	2.6	234.0	5.32	0.00
4	15	8	75	3.1	235.7	5.26	0.00
5	15	8	75	2.8	231.9	3.53	0.00
6	15	8	75	3.2	235.5	3.60	0.00
7	15	8	75	4.0	239.6	8.55	0.00
8	15	8	75	1.0	330.0	15.74	0.00
9	15	8	75	1.9	82.8	17.57	0.00
10	15	8	75	3.8	57.6	20.39	0.00
11	15	8	75	6.0	273.6	23.98	0.00
12	15	8	75	11.9	286.6	24.53	0.00
13	15	8	75	12.5	277.2	23.01	0.00
14	15	8	75	13.1	999.0	23.60	0.00
15	15	8	75	13.2	999.0	24.84	0.00
16	15	8	75	16.1	999.0	24.67	0.00
17	15	8	75	8.2	999.0	25.52	0.00
18	15	8	75	6.0	999.0	25.01	0.00
19	15	8	75	2.6	999.0	20.48	0.00
20	15	8	75	2.2	208.3	16.47	0.00
21	15	8	75	3.7	224.2	13.18	0.00
22	15	8	75	2.5	229.0	13.23	0.00
23	15	8	75	3.2	219.3	12.04	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WSID	WDRID	ATID	PREC
0	16	8	75	3.7	209.8	9.76	0.00
1	16	8	75	4.3	204.0	9.88	0.00
2	16	8	75	4.6	215.6	8.37	0.00
3	16	8	75	4.1	223.6	5.31	0.00
4	16	8	75	3.9	220.7	5.07	0.00
5	16	8	75	2.1	189.5	5.87	0.00
6	16	8	75	3.7	224.1	7.75	0.00
7	16	8	75	3.7	325.0	11.83	0.00
8	16	8	75	1.5	215.5	14.64	0.00
9	16	8	75	4.5	48.0	17.27	0.00
10	16	8	75	3.9	39.5	21.29	0.00
11	16	8	75	5.9	50.7	24.55	0.00
12	16	8	75	5.3	237.9	25.49	0.00
13	16	8	75	7.6	296.4	25.63	0.00
14	16	8	75	11.2	298.6	23.72	0.00
15	16	8	75	9.7	291.0	24.24	0.00
16	16	8	75	8.3	272.1	24.20	0.00
17	16	8	75	10.6	235.4	25.83	0.00
18	16	8	75	9.4	197.9	24.29	0.00
19	16	8	75	8.3	136.7	21.71	0.00
20	16	8	75	8.4	214.1	17.38	0.00
21	16	8	75	5.2	215.8	13.56	0.00
22	16	8	75	3.2	194.6	13.22	0.00
23	16	8	75	6.3	226.0	11.17	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	17	8	75	5.5	230.8	9.90	0.00
1	17	8	75	3.3	229.3	8.38	0.00
2	17	8	75	4.9	222.8	7.08	0.00
3	17	8	75	4.9	236.8	5.65	0.00
4	17	8	75	4.4	229.5	5.56	0.00
5	17	8	75	5.1	239.4	4.56	0.00
6	17	8	75	4.8	242.3	3.93	0.00
7	17	8	75	3.3	225.3	11.00	0.00
8	17	8	75	4.4	49.1	17.72	0.00
9	17	8	75	3.6	135.8	24.07	0.00
10	17	8	75	9.1	247.7	24.67	0.00
11	17	8	75	9.3	242.9	25.80	0.00
12	17	8	75	9.1	232.7	26.66	0.00
13	17	8	75	12.8	218.2	27.32	0.00
14	17	8	75	12.4	194.9	27.05	0.00
15	17	8	75	12.3	217.9	27.72	0.00
16	17	8	75	9.7	224.8	27.96	0.00
17	17	8	75	11.9	198.5	27.88	0.00
18	17	8	75	12.5	216.2	27.08	0.00
19	17	8	75	5.4	212.3	25.01	0.00
20	17	8	75	3.9	227.2	17.30	0.00
21	17	8	75	3.3	223.5	15.11	0.00
22	17	8	75	3.0	226.6	13.02	0.00
23	17	8	75	5.2	235.1	9.77	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	18	8	75	4.0	227.2	9.81	0.00
1	18	8	75	5.6	228.3	6.95	0.00
2	18	8	75	4.8	237.7	6.49	0.00
3	18	8	75	5.7	246.3	5.52	0.00
4	18	8	75	4.6	228.3	5.44	0.00
5	18	8	75	3.7	231.9	4.17	0.00
6	18	8	75	4.4	231.7	3.99	0.00
7	18	8	75	2.7	227.8	11.20	0.00
8	18	8	75	7.8	173.9	22.99	0.00
9	18	8	75	13.2	187.1	24.62	0.00
10	18	8	75	12.6	190.3	26.29	0.00
11	18	8	75	16.3	195.3	26.98	0.00
12	18	8	75	15.5	219.2	26.54	0.00
13	18	8	75	14.5	203.7	27.23	0.00
14	18	8	75	16.6	206.8	28.16	0.00
15	18	8	75	14.9	206.8	28.83	0.00
16	18	8	75	15.3	210.1	28.73	0.00
17	18	8	75	12.6	205.1	28.49	0.00
18	18	8	75	13.6	206.6	27.86	0.00
19	18	8	75	8.0	210.6	25.15	0.00
20	18	8	75	5.7	199.3	18.13	0.00
21	18	8	75	5.4	199.8	15.21	0.00
22	18	8	75	2.7	344.7	11.04	0.00
23	18	8	75	3.7	231.4	9.65	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	19	8	75	5.5	234.1	6.19	0.00
1	19	8	75	6.8	238.1	4.29	0.00
2	19	8	75	4.7	242.3	5.08	0.00
3	19	8	75	5.2	242.3	3.52	0.00
4	19	8	75	5.6	233.0	3.37	0.00
5	19	8	75	4.6	235.6	3.56	0.00
6	19	8	75	7.4	222.2	8.31	0.00
7	19	8	75	6.4	222.0	13.69	0.00
8	19	8	75	12.8	176.8	20.91	0.00
9	19	8	75	12.1	192.3	23.08	0.00
10	19	8	75	17.0	222.4	23.81	0.00
11	19	8	75	16.3	229.8	24.88	999.00
12	19	8	75	13.7	230.3	25.24	0.01
13	19	8	75	16.7	209.9	26.24	0.00
14	19	8	75	17.6	236.0	26.64	0.00
15	19	8	75	16.0	222.4	26.26	0.00
16	19	8	75	15.5	207.3	26.56	0.00
17	19	8	75	14.4	204.7	25.52	0.00
18	19	8	75	11.2	197.6	24.84	0.00
19	19	8	75	5.1	194.7	23.57	0.00
20	19	8	75	5.3	181.4	21.69	0.00
21	19	8	75	3.5	230.9	19.95	0.00
22	19	8	75	2.7	215.5	15.85	0.00
23	19	8	75	3.9	211.4	15.93	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	20	8	75	3.4	205.6	15.57	0.00
1	20	8	75	3.4	203.3	13.96	0.00
2	20	8	75	2.1	234.7	12.92	0.00
3	20	8	75	3.9	215.9	12.70	0.00
4	20	8	75	2.9	234.9	12.15	0.00
5	20	8	75	3.2	223.0	11.75	0.00
6	20	8	75	1.0	289.5	11.51	0.00
7	20	8	75	3.9	216.5	13.97	0.00
8	20	8	75	2.0	248.4	16.37	0.00
9	20	8	75	4.0	35.9	18.01	0.00
10	20	8	75	3.7	106.1	21.28	0.00
11	20	8	75	7.4	203.8	24.12	0.00
12	20	8	75	3.2	90.0	24.09	0.00
13	20	8	75	6.3	266.7	23.48	0.00
14	20	8	75	5.6	317.2	23.30	0.00
15	20	8	75	5.9	68.8	22.22	0.00
16	20	8	75	3.7	29.5	23.27	0.00
17	20	8	75	3.4	45.3	23.57	0.00
18	20	8	75	5.9	184.5	23.34	0.00
19	20	8	75	5.5	252.3	22.01	0.00
20	20	8	75	9.8	249.0	20.83	0.00
21	20	8	75	8.5	231.8	18.68	0.00
22	20	8	75	5.4	263.2	17.51	0.00
23	20	8	75	4.2	275.6	16.62	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	21	8	75	4.6	218.3	14.36	0.00
1	21	8	75	3.5	188.8	14.00	0.00
2	21	8	75	1.9	230.7	12.87	0.00
3	21	8	75	2.0	223.4	12.98	0.00
4	21	8	75	2.4	231.2	12.60	0.00
5	21	8	75	1.7	197.8	12.29	0.00
6	21	8	75	2.2	220.5	12.77	0.00
7	21	8	75	2.6	228.2	13.26	0.00
8	21	8	75	2.9	223.8	15.90	0.00
9	21	8	75	3.0	283.3	19.22	0.00
10	21	8	75	8.1	180.9	21.10	0.00
11	21	8	75	9.0	191.1	22.25	0.00
12	21	8	75	12.8	234.7	22.78	0.00
13	21	8	75	12.3	234.6	22.80	0.00
14	21	8	75	15.6	228.0	21.18	0.00
15	21	8	75	7.6	194.0	19.64	0.00
16	21	8	75	8.5	165.5	21.39	0.00
17	21	8	75	10.2	172.4	21.26	0.00
18	21	8	75	9.4	194.9	21.94	0.00
19	21	8	75	999.0	999.0	999.00	0.00
20	21	8	75	6.5	212.2	17.04	999.00
21	21	8	75	5.7	222.4	12.02	0.00
22	21	8	75	8.5	221.7	11.97	0.00
23	21	8	75	3.8	232.1	9.47	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS(1)	WDR(1)	AT(1)	PREC
0	22	8	75	5.2	223.6	9.17	0.00
1	22	8	75	4.3	219.0	8.30	0.00
2	22	8	75	3.1	227.8	7.50	0.00
3	22	8	75	2.3	230.4	7.20	0.00
4	22	8	75	2.6	243.0	7.52	0.00
5	22	8	75	3.0	226.6	5.64	0.00
6	22	8	75	2.5	201.3	5.68	0.00
7	22	8	75	2.0	19.0	7.89	0.00
8	22	8	75	5.9	123.7	16.91	0.00
9	22	8	75	8.0	166.5	20.62	0.00
10	22	8	75	13.8	201.4	22.70	0.00
11	22	8	75	17.6	230.6	23.27	0.00
12	22	8	75	14.9	294.9	21.23	0.00
13	22	8	75	11.5	285.6	22.32	0.00
14	22	8	75	19.2	252.5	22.66	0.00
15	22	8	75	15.4	221.6	23.18	0.00
16	22	8	75	13.7	219.1	24.45	0.00
17	22	8	75	10.5	230.4	24.14	0.00
18	22	8	75	8.7	234.0	23.25	999.00
19	22	8	75	5.4	203.8	20.90	0.03
20	22	8	75	4.7	219.8	17.14	0.00
21	22	8	75	2.9	230.1	14.05	0.00
22	22	8	75	2.6	224.6	11.34	0.00
23	22	8	75	4.3	230.5	9.72	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	23	8	75	3.1	236.2	8.73	0.00
1	23	8	75	4.0	234.9	9.87	0.00
2	23	8	75	3.2	191.8	10.58	0.00
3	23	8	75	3.3	222.0	9.48	0.00
4	23	8	75	4.7	229.2	7.38	0.00
5	23	8	75	4.9	228.9	6.17	0.00
6	23	8	75	4.1	234.2	4.40	0.00
7	23	8	75	2.6	208.5	11.40	0.00
8	23	8	75	3.1	177.4	19.91	0.00
9	23	8	75	12.2	233.7	23.37	0.00
10	23	8	75	16.2	230.9	24.00	0.00
11	23	8	75	19.6	208.3	25.64	0.00
12	23	8	75	13.1	280.9	23.50	0.00
13	23	8	75	15.6	265.1	23.37	0.00
14	23	8	75	13.0	250.4	25.87	0.00
15	23	8	75	19.1	212.9	26.96	0.00
16	23	8	75	17.1	225.1	27.35	0.00
17	23	8	75	17.9	218.8	26.73	0.00
18	23	8	75	14.4	218.4	26.15	0.00
19	23	8	75	7.9	206.1	24.42	0.00
20	23	8	75	5.6	220.3	19.91	0.00
21	23	8	75	5.6	242.2	14.16	0.00
22	23	8	75	2.9	251.8	16.33	0.00
23	23	8	75	1.4	143.9	13.48	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	24	8	75	3.4	221.2	11.60	0.00
1	24	8	75	5.2	218.7	12.92	0.00
2	24	8	75	4.3	224.9	11.70	0.00
3	24	8	75	3.1	39.8	9.59	0.00
4	24	8	75	1.9	356.7	8.61	0.00
5	24	8	75	7.1	204.8	10.81	0.00
6	24	8	75	3.1	347.0	9.74	0.00
7	24	8	75	8.6	193.8	14.91	0.00
8	24	8	75	9.3	214.2	21.44	0.00
9	24	8	75	13.1	247.0	22.90	0.00
10	24	8	75	13.7	282.9	23.17	0.00
11	24	8	75	12.7	292.0	23.24	0.00
12	24	8	75	4.5	355.8	999.00	0.00
13	24	8	75	1.8	160.3	999.00	0.00
14	24	8	75	11.0	51.8	999.00	0.00
15	24	8	75	15.6	288.3	999.00	0.00
16	24	8	75	13.6	279.9	999.00	0.00
17	24	8	75	14.0	288.2	999.00	0.00
18	24	8	75	10.4	293.6	999.00	0.00
19	24	8	75	5.2	299.9	999.00	0.00
20	24	8	75	2.6	310.4	999.00	0.00
21	24	8	75	5.0	319.9	999.00	0.00
22	24	8	75	1.8	232.1	999.00	0.00
23	24	8	75	4.6	234.9	999.00	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	25	8	75	4.2	243.6	999.00	0.00
1	25	8	75	5.0	244.5	999.00	0.00
2	25	8	75	4.0	224.0	999.00	0.00
3	25	8	75	5.1	219.5	999.00	0.00
4	25	8	75	3.1	230.0	999.00	0.00
5	25	8	75	3.4	244.9	999.00	0.00
6	25	8	75	2.9	241.7	999.00	0.00
7	25	8	75	0.7	240.2	999.00	0.00
8	25	8	75	3.4	54.1	999.00	0.00
9	25	8	75	1.8	74.9	999.00	0.00
10	25	8	75	5.1	64.7	999.00	0.00
11	25	8	75	11.6	251.2	999.00	0.00
12	25	8	75	12.5	250.6	999.00	0.00
13	25	8	75	9.8	265.5	999.00	0.00
14	25	8	75	10.9	238.5	999.00	0.00
15	25	8	75	9.3	257.0	999.00	0.00
16	25	8	75	7.8	277.1	999.00	0.00
17	25	8	75	9.8	290.9	999.00	0.00
18	25	8	75	8.9	279.3	999.00	0.00
19	25	8	75	2.7	300.4	999.00	0.00
20	25	8	75	3.1	216.6	999.00	0.00
21	25	8	75	3.4	222.5	999.00	0.00
22	25	8	75	2.1	260.7	999.00	0.00
23	25	8	75	3.3	196.1	999.00	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	26	8	75	3.8	207.7	999.00	0.00
1	26	8	75	2.5	217.0	999.00	0.00
2	26	8	75	3.4	229.9	999.00	0.00
3	26	8	75	5.1	238.4	999.00	0.00
4	26	8	75	3.9	226.5	999.00	0.00
5	26	8	75	3.4	233.3	999.00	0.00
6	26	8	75	3.7	240.2	999.00	0.00
7	26	8	75	1.0	74.5	999.00	0.00
8	26	8	75	2.8	72.8	999.00	0.00
9	26	8	75	3.4	327.3	999.00	0.00
10	26	8	75	3.4	41.7	999.00	0.00
11	26	8	75	6.7	133.8	999.00	0.00
12	26	8	75	9.8	288.6	999.00	0.00
13	26	8	75	7.1	172.5	999.00	0.00
14	26	8	75	8.3	254.4	999.00	0.00
15	26	8	75	12.9	242.7	999.00	0.00
16	26	8	75	10.4	191.7	999.00	0.00
17	26	8	75	11.2	196.6	999.00	0.00
18	26	8	75	9.8	222.9	999.00	0.00
19	26	8	75	3.2	229.4	999.00	0.00
20	26	8	75	4.1	248.2	999.00	0.00
21	26	8	75	0.7	182.6	999.00	0.00
22	26	8	75	2.4	235.1	999.00	0.00
23	26	8	75	3.5	217.8	999.00	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	27	8	75	5.9	243.0	999.00	0.00
1	27	8	75	4.2	242.1	999.00	0.00
2	27	8	75	4.1	236.7	999.00	0.00
3	27	8	75	4.0	231.9	999.00	0.00
4	27	8	75	4.3	242.8	999.00	0.00
5	27	8	75	4.1	232.4	999.00	0.00
6	27	8	75	3.5	235.5	999.00	0.00
7	27	8	75	3.6	235.2	999.00	0.00
8	27	8	75	2.3	47.7	999.00	0.00
9	27	8	75	2.5	78.2	999.00	0.00
10	27	8	75	10.0	230.5	999.00	0.00
11	27	8	75	18.5	227.1	999.00	0.00
12	27	8	75	15.0	224.9	999.00	0.00
13	27	8	75	15.2	276.3	999.00	0.00
14	27	8	75	14.2	216.3	999.00	0.00
15	27	8	75	31.2	124.8	23.34	999.00
16	27	8	75	13.6	182.8	24.36	999.00
17	27	8	75	10.3	192.3	25.17	0.00
18	27	8	75	16.8	218.7	23.45	0.00
19	27	8	75	8.4	245.9	19.30	0.00
20	27	8	75	5.2	182.9	17.65	0.00
21	27	8	75	5.5	213.8	13.32	0.00
22	27	8	75	3.6	214.4	13.47	0.00
23	27	8	75	3.6	222.3	9.59	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WD10	AT10	PREC
0	28	8	75	3.0	239.4	7.93	0.00
1	28	8	75	3.6	223.6	8.75	0.00
2	28	8	75	2.5	224.2	8.19	0.00
3	28	8	75	2.4	250.7	6.52	0.00
4	28	8	75	4.0	218.0	5.22	0.00
5	28	8	75	4.2	240.3	4.93	0.00
6	28	8	75	4.9	234.6	5.10	0.00
7	28	8	75	2.8	227.2	8.49	0.00
8	28	8	75	3.2	38.2	14.40	0.00
9	28	8	75	999.0	999.0	999.00	999.00
10	28	8	75	999.0	999.0	999.00	999.00
11	28	8	75	999.0	999.0	999.00	999.00
12	28	8	75	999.0	999.0	999.00	999.00
13	28	8	75	999.0	999.0	999.00	999.00
14	28	8	75	999.0	999.0	999.00	999.00
15	28	8	75	15.4	214.3	25.43	0.00
16	28	8	75	12.6	214.5	25.94	0.00
17	28	8	75	15.1	232.0	26.11	0.00
18	28	8	75	14.6	225.4	25.23	0.00
19	28	8	75	5.9	212.5	22.03	0.00
20	28	8	75	5.2	207.8	15.84	0.00
21	28	8	75	3.4	238.0	11.29	0.00
22	28	8	75	0.7	245.3	7.87	0.00
23	28	8	75	2.0	149.4	7.54	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	29	8	75	2.5	132.0	5.58	0.00
1	29	8	75	4.0	225.2	4.57	0.00
2	29	8	75	2.8	254.3	4.00	0.00
3	29	8	75	3.2	224.4	2.28	0.00
4	29	8	75	4.0	247.6	0.67	0.00
5	29	8	75	4.5	242.6	0.34	0.00
6	29	8	75	3.8	235.1	0.69	0.00
7	29	8	75	1.9	221.3	6.10	0.00
8	29	8	75	3.3	58.4	13.86	0.00
9	29	8	75	3.3	44.2	18.47	0.00
10	29	8	75	3.7	18.8	22.89	0.00
11	29	8	75	14.0	215.0	24.72	0.00
12	29	8	75	15.4	219.8	24.85	0.00
13	29	8	75	13.5	215.3	25.48	0.00
14	29	8	75	10.9	224.6	25.83	0.00
15	29	8	75	7.6	219.7	26.49	0.00
16	29	8	75	9.1	197.8	26.88	0.00
17	29	8	75	8.1	209.3	26.86	0.00
18	29	8	75	9.0	222.8	25.65	0.00
19	29	8	75	2.3	225.3	19.73	0.00
20	29	8	75	4.7	218.5	16.17	0.00
21	29	8	75	3.7	213.7	10.75	0.00
22	29	8	75	5.1	235.1	8.05	0.00
23	29	8	75	5.6	238.9	5.96	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	30	8	75	5.2	234.7	4.56	0.00
1	30	8	75	4.4	242.1	3.20	0.00
2	30	8	75	2.5	232.9	1.30	0.00
3	30	8	75	5.9	220.2	1.91	0.00
4	30	8	75	5.5	231.1	2.29	0.00
5	30	8	75	5.1	237.6	0.97	0.00
6	30	8	75	3.4	231.6	-0.53	0.00
7	30	8	75	0.6	173.3	5.65	0.00
8	30	8	75	3.4	64.8	12.10	0.00
9	30	8	75	2.2	17.0	18.96	0.00
10	30	8	75	5.3	34.8	22.83	0.00
11	30	8	75	4.5	321.9	25.80	0.00
12	30	8	75	9.7	202.1	27.17	0.00
13	30	8	75	8.7	249.5	27.24	0.00
14	30	8	75	14.4	241.9	27.82	0.00
15	30	8	75	13.9	235.5	27.96	0.00
16	30	8	75	13.7	217.7	27.53	0.00
17	30	8	75	12.1	199.2	27.46	0.00
18	30	8	75	11.0	208.3	26.60	0.00
19	30	8	75	5.7	207.7	22.35	0.00
20	30	8	75	5.1	232.1	15.35	0.00
21	30	8	75	5.6	232.6	11.73	0.00
22	30	8	75	4.2	228.4	9.91	0.00
23	30	8	75	5.5	249.5	7.24	0.00

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	31	8	75	5.5	240.4	5.17	0.00
1	31	8	75	5.9	242.2	4.27	0.00
2	31	8	75	4.1	248.2	1.97	0.00
3	31	8	75	5.9	243.7	1.84	0.00
4	31	8	75	4.4	230.6	0.76	0.00
5	31	8	75	4.5	241.4	0.66	0.00
6	31	8	75	5.9	222.9	9.35	0.00
7	31	8	75	7.2	228.7	13.98	0.00
8	31	8	75	10.3	177.9	22.38	0.00
9	31	8	75	12.8	214.6	25.10	0.00
10	31	8	75	16.0	225.2	26.50	0.00
11	31	8	75	21.1	233.8	27.25	0.00
12	31	8	75	21.8	231.5	27.33	0.00
13	31	8	75	21.0	221.9	27.68	0.00
14	31	8	75	17.5	220.7	28.20	0.00
15	31	8	75	14.1	221.3	28.33	0.00
16	31	8	75	15.1	223.3	28.46	0.00
17	31	8	75	14.6	221.2	28.44	0.00
18	31	8	75	10.6	218.8	27.27	0.00
19	31	8	75	5.6	233.2	22.67	0.00
20	31	8	75	7.5	223.0	18.79	0.00
21	31	8	75	6.5	236.7	15.50	0.00
22	31	8	75	2.4	41.7	11.90	0.00
23	31	8	75	5.1	246.3	8.51	0.00

SECTION B.2

METEOROLOGICAL COMPOSITE DAY (HOURLY) SUMMARIES
SUMMER 1975

Section		Page
B.2.1	Data for Site 1	B.2.1-1 to B.2.1-37
B.2.2	Data for Site 2	B.2.2-1 to B.2.2-9
B.2.3	Data for Site 3	B.2.3-1 to B.2.3-9
B.2.4	Data for Site 4	B.2.4-1 to B.2.4-9

B.2.1

METEOROLOGICAL DATA COMPOSITE DAY SUMMARIES
FOR SITE 1
1 JUNE 1975 THROUGH 31 AUGUST 1975

WS10	Wind Speed at the 10-m level (mph)
AT10	Air Temperature at the 10-m level (degrees Celsius)
RH10	Relative Humidity at the 10-m level (percent)
WS30	Wind Speed at the 30-m level (mph)
AT30	Air Temperature at the 30-m level (degrees Celsius)
WS60	Wind Speed at the 60-m level (mph)
DT60	Temperature Difference between 10-m and 60-m level (degrees Celsius)
SI	Solar Radiation at ground level (Langley)
SG10	Standard Deviation of the Wind Direction (Wind sigma) at the 10-m level (degrees)

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 10-M: SITE 1 FOR 6/ 1/75 - 6/30/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.50	7.25	16.38
2	1.11	7.47	15.44
3	1.72	7.12	17.77
4	1.91	6.85	16.40
5	1.55	6.81	20.60
6	1.26	5.89	13.60
7	1.20	5.47	13.92
8	1.83	6.33	18.70
9	2.38	8.28	21.90
10	3.19	9.29	20.40
11	3.17	10.17	20.80
12	3.38	10.09	19.48
13	3.99	11.86	21.10
14	5.90	11.54	19.92
15	5.47	13.11	21.50
16	4.07	12.24	25.23
17	5.92	13.14	22.69
18	6.06	11.88	22.22
19	3.16	10.81	24.74
20	1.53	9.28	21.59
21	1.89	7.64	19.04
22	1.13	6.80	18.12
23	1.36	6.58	17.70
24	2.18	6.92	14.26
SUMMARY	1.11	8.86	25.23

NUMBER OF OBSERVATIONS: 684

RBOSP COMPOSITE DAY SUMMARY

AIR TEMPERATURE 10-M: SITE 1 FOR 6/ 1/75 - 6/30/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	3.08	11.65	18.26
2	2.94	11.34	18.29
3	2.53	10.87	18.21
4	2.78	10.64	16.56
5	2.75	10.39	18.17
6	2.02	10.04	16.93
7	2.55	10.32	17.67
8	3.37	11.78	19.60
9	4.31	12.99	20.61
10	4.48	14.11	21.60
11	4.73	14.62	22.13
12	4.80	15.24	22.90
13	6.34	15.74	23.64
14	6.00	16.57	24.02
15	5.20	16.53	24.46
16	3.98	16.70	24.23
17	3.76	16.93	24.35
18	3.72	16.39	24.51
19	5.24	15.66	23.77
20	4.51	14.50	21.99
21	3.70	13.42	20.09
22	3.08	12.80	19.60
23	2.50	12.56	19.17
24	2.30	12.46	18.92
SUMMARY	2.02	13.49	24.51

NUMBER OF OBSERVATIONS: 683

RBOSP COMPOSITE DAY SUMMARY

REL. HUMIDITY 10-M: SITE 1 FOR 6/ 1/75 - 6/30/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	10.21	37.65	85.77
2	17.55	39.75	86.37
3	17.52	41.68	86.69
4	18.01	41.76	86.72
5	18.21	41.42	83.47
6	18.39	41.97	83.39
7	16.10	34.28	79.51
8	14.77	27.59	76.30
9	14.06	25.37	61.37
10	15.39	25.05	60.15
11	15.13	24.76	57.49
12	14.94	25.21	69.83
13	14.57	26.08	82.23
14	14.14	24.97	77.22
15	13.77	24.71	74.83
16	13.64	25.13	77.80
17	13.32	23.78	77.42
18	13.16	23.84	75.71
19	13.65	27.07	80.01
20	14.38	29.91	85.25
21	16.68	32.95	86.00
22	16.99	35.09	85.42
23	17.43	35.48	84.81
24	17.56	35.99	85.12
SUMMARY	10.21	31.35	86.72

NUMBER OF OBSERVATIONS: 663

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 30-M: SITE 1 FOR 6/ 1/75 - 6/30/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	2.04	8.73	21.19
2	1.11	9.35	21.19
3	2.10	8.73	20.65
4	2.19	8.12	21.16
5	0.88	8.00	24.50
6	1.20	7.19	17.50
7	0.92	6.99	17.10
8	1.90	7.76	23.90
9	1.92	9.67	26.90
10	3.51	10.99	27.90
11	3.43	12.08	27.60
12	3.09	11.69	24.20
13	3.95	13.96	25.50
14	6.40	13.64	24.48
15	5.67	15.58	24.90
16	4.46	14.39	30.04
17	5.96	15.53	29.20
18	7.07	14.26	26.18
19	3.57	12.93	29.27
20	1.04	11.16	25.05
21	1.70	9.05	22.70
22	0.81	8.08	22.59
23	1.05	7.88	21.42
24	2.16	8.17	18.24
SUMMARY	0.81	10.57	30.04

NUMBER OF OBSERVATIONS: 683

RBOSP COMPOSITE DAY SUMMARY

AIR TEMPERATURE 30-M: SITE 1 FOR 6/ 1/75 - 6/30/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	2.02	11.52	18.64
2	2.45	11.25	18.34
3	1.05	10.75	18.84
4	1.71	10.45	16.98
5	1.95	10.24	18.11
6	1.55	9.78	16.91
7	1.77	10.20	17.27
8	2.55	11.27	18.79
9	3.40	12.21	19.48
10	3.46	13.21	20.27
11	3.80	13.75	20.52
12	4.52	14.19	21.39
13	5.06	14.63	22.01
14	4.91	15.30	22.34
15	4.24	15.43	22.93
16	3.15	15.60	22.94
17	2.46	15.93	23.06
18	2.99	15.56	23.38
19	4.66	14.97	23.04
20	3.92	14.18	21.52
21	3.21	13.10	19.72
22	2.49	12.58	19.25
23	2.14	12.21	18.94
24	2.11	12.19	18.86
SUMMARY	1.05	12.93	23.38

NUMBER OF OBSERVATIONS: 684

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 60-M: SITE 1 FOR 6/ 1/75 - 6/30/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	2.15	10.48	25.70
2	2.63	11.01	25.56
3	2.75	10.44	24.26
4	1.73	9.68	25.97
5	1.48	9.28	27.20
6	1.94	8.76	20.50
7	1.24	8.31	20.71
8	1.69	8.75	26.40
9	1.91	10.56	29.70
10	3.67	11.78	29.50
11	3.52	12.99	28.20
12	3.53	12.99	26.97
13	3.91	15.68	30.10
14	6.44	15.01	28.36
15	5.87	17.29	27.10
16	4.81	16.22	32.44
17	6.15	17.22	31.80
18	7.40	16.25	28.61
19	4.04	14.67	31.00
20	1.51	13.43	28.80
21	2.17	11.06	25.22
22	1.08	9.97	26.36
23	0.80	9.46	24.59
24	2.14	10.01	21.60
SUMMARY	0.80	12.12	32.44

NUMBER OF OBSERVATIONS: 683

RBOSP COMPOSITE DAY SUMMARY

DELTA TEMP. 10-60: SITE 1 FOR 6/ 1/75 - 6/30/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	-1.73	-0.44	1.12
2	-1.65	-0.48	1.31
3	-1.69	-0.47	1.25
4	-1.79	-0.58	0.27
5	-1.95	-0.59	0.39
6	-1.53	-0.54	0.34
7	-1.15	-0.20	0.56
8	-0.54	0.48	0.81
9	0.28	0.74	1.03
10	0.30	0.79	1.11
11	0.34	0.86	1.41
12	0.22	0.93	1.42
13	0.52	1.03	2.03
14	0.55	0.96	1.26
15	0.65	1.03	2.37
16	0.46	0.85	1.41
17	0.15	0.80	1.30
18	0.19	0.69	0.96
19	-0.18	0.52	1.55
20	-0.45	0.19	0.58
21	-1.32	-0.30	0.43
22	-2.66	-0.49	0.50
23	-2.07	-0.48	0.40
24	-1.27	-0.44	0.42
SUMMARY	-2.66	0.19	2.37

NUMBER OF OBSERVATIONS: 676

RBOSP COMPOSITE DAY SUMMARY

SOLAR INSOLATION: SITE 1 FOR 6/ 1/75 - 6/30/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.00	0.02	0.04
2	0.00	0.03	0.03
3	0.00	0.02	0.03
4	0.00	0.02	0.03
5	0.00	0.02	0.04
6	0.01	0.03	0.04
7	0.07	0.14	0.21
8	0.11	0.38	0.60
9	0.24	0.73	1.51
10	0.35	0.97	1.58
11	0.23	1.04	1.83
12	0.13	1.11	1.85
13	0.18	1.12	1.85
14	0.52	1.23	1.85
15	0.53	1.15	1.86
16	0.35	0.94	1.67
17	0.33	0.90	1.65
18	0.16	0.67	1.32
19	0.08	0.46	0.89
20	0.03	0.25	0.45
21	0.00	0.07	0.11
22	0.00	0.04	0.05
23	0.00	0.03	0.04
24	0.00	0.02	0.03
SUMMARY	0.00	0.46	1.86

NUMBER OF OBSERVATIONS: 525

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 10-M: SITE 1 FOR 7/ 1/75 - 7/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.20	5.82	12.68
2	1.81	4.94	11.58
3	1.54	4.19	8.21
4	1.40	4.48	11.53
5	1.54	4.51	9.96
6	0.80	3.55	8.00
7	1.36	3.19	8.80
8	1.04	3.64	13.40
9	1.29	4.01	8.98
10	2.75	5.66	10.99
11	1.55	6.08	16.98
12	3.13	7.19	16.57
13	2.86	8.15	15.25
14	3.85	8.43	14.20
15	4.29	9.42	18.95
16	5.45	8.33	12.81
17	4.68	8.36	13.91
18	2.80	8.51	18.15
19	2.75	8.87	18.46
20	3.76	7.20	14.30
21	2.64	7.51	17.47
22	1.80	6.01	12.96
23	1.20	5.33	12.90
24	1.09	5.19	12.24
SUMMARY	0.80	6.17	18.95

NUMBER OF OBSERVATIONS: 708

RBOSP COMPOSITE DAY SUMMARY

AIR TEMPERATURE 10-M: SITE 1 FOR 7/ 1/75 - 7/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	10.00	17.76	24.55
2	10.17	17.01	21.12
3	8.97	16.39	22.56
4	5.73	15.89	21.52
5	10.64	16.04	21.44
6	11.58	15.76	21.31
7	11.83	15.84	19.32
8	11.22	16.72	20.88
9	10.27	18.11	22.46
10	12.41	19.79	24.65
11	10.14	21.30	25.55
12	14.06	22.24	26.53
13	13.63	22.96	27.09
14	6.75	22.46	27.82
15	12.59	22.95	28.07
16	14.77	23.58	28.24
17	16.21	23.63	27.34
18	17.21	23.35	27.16
19	5.82	21.68	26.59
20	8.84	20.64	24.93
21	11.53	19.27	24.10
22	10.58	18.62	24.44
23	10.02	17.95	24.08
24	10.30	18.08	24.98
SUMMARY	5.73	19.47	28.24

NUMBER OF OBSERVATIONS: 708

RBOSP COMPOSITE DAY SUMMARY

REL. HUMIDITY 10-M: SITE 1 FOR 7/ 1/75 - 7/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	15.15	28.34	77.27
2	16.94	29.85	77.64
3	16.17	31.78	76.46
4	16.61	35.59	77.99
5	16.84	36.72	78.85
6	17.23	36.55	78.49
7	14.51	30.87	76.01
8	12.32	22.25	73.87
9	12.55	21.65	82.14
10	14.08	23.02	81.03
11	13.78	20.12	76.99
12	13.69	19.32	71.43
13	12.40	18.24	76.36
14	11.18	17.77	78.26
15	10.78	19.56	76.74
16	10.14	16.81	54.89
17	10.46	16.12	52.13
18	10.41	16.19	47.16
19	11.71	19.41	71.58
20	13.34	21.51	64.43
21	15.00	26.35	80.13
22	15.49	28.41	80.94
23	15.52	28.71	82.77
24	15.39	28.83	84.21
SUMMARY	10.14	24.81	84.21

NUMBER OF OBSERVATIONS: 708

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 30-M: SITE 1 FOR 7/ 1/75 - 7/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.40	6.36	16.56
2	1.48	5.69	15.82
3	1.50	4.95	11.40
4	1.40	4.82	13.89
5	0.91	4.67	12.70
6	1.13	4.10	12.40
7	0.85	3.51	10.30
8	0.85	4.00	16.60
9	1.26	4.32	11.71
10	2.53	6.24	13.36
11	1.44	6.89	21.33
12	3.49	8.08	20.66
13	2.92	9.11	18.88
14	4.69	9.66	17.56
15	4.25	10.92	23.14
16	5.70	9.49	15.78
17	5.04	9.55	17.71
18	2.56	9.90	20.22
19	2.93	10.63	21.78
20	3.32	8.87	16.70
21	3.69	9.00	20.90
22	1.65	7.15	15.09
23	1.64	6.15	16.06
24	1.49	5.82	16.55
SUMMARY	0.85	7.05	23.14

NUMBER OF OBSERVATIONS: 708

RBOSP COMPOSITE DAY SUMMARY

AIR TEMPERATURE 30-M: SITE 1 FOR 7/ 1/75 - 7/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	11.45	17.88	24.85
2	11.48	17.14	20.52
3	11.72	16.36	22.60
4	11.71	15.84	21.44
5	10.81	15.72	20.95
6	11.25	15.46	20.19
7	12.23	15.99	19.22
8	12.66	17.02	21.11
9	10.91	18.13	21.84
10	12.04	19.36	23.64
11	12.85	20.52	24.43
12	13.52	21.14	25.23
13	12.89	21.73	25.59
14	12.08	22.11	26.48
15	11.95	22.15	26.81
16	14.00	22.61	27.00
17	15.57	22.87	26.09
18	16.64	22.64	26.11
19	11.72	21.69	25.97
20	13.44	20.80	24.64
21	9.69	19.37	24.72
22	10.30	18.53	24.77
23	9.49	18.12	24.68
24	9.90	17.99	24.63
SUMMARY	9.49	19.19	27.00

NUMBER OF OBSERVATIONS: 708

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 60-M: SITE 1 FOR 7/ 1/75 - 7/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.58	7.80	19.02
2	1.92	6.98	19.44
3	1.27	6.34	18.20
4	1.60	5.70	17.09
5	0.56	5.42	16.60
6	0.70	4.88	15.54
7	0.63	3.99	11.80
8	1.03	4.55	18.60
9	1.15	4.97	14.70
10	2.08	6.67	14.31
11	1.73	7.61	21.14
12	3.86	8.63	20.92
13	1.00	9.21	18.40
14	4.60	10.25	21.87
15	3.92	12.12	25.45
16	6.16	10.27	17.93
17	4.93	10.21	17.91
18	2.80	10.82	21.66
19	2.96	11.94	23.94
20	3.28	10.65	18.30
21	3.80	10.78	23.23
22	1.91	8.69	20.55
23	2.31	7.62	17.75
24	1.02	7.17	18.76
SUMMARY	0.56	8.02	25.45

NUMBER OF OBSERVATIONS: 708

RBOSP COMPOSITE DAY SUMMARY

DELTA TEMP. 10-60: SITE 1 FOR 7/ 1/75 - 7/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	-1.94	-0.51	0.23
2	-3.65	-0.66	0.20
3	-2.48	-0.55	0.17
4	-2.60	-0.46	0.12
5	-2.03	-0.36	0.21
6	-2.17	-0.49	0.19
7	-1.62	-0.20	0.35
8	-0.81	0.35	0.76
9	-0.05	0.65	0.94
10	0.35	0.80	1.00
11	-2.72	0.77	1.27
12	0.31	0.99	1.49
13	0.55	1.07	1.30
14	0.18	1.03	1.49
15	-1.30	0.88	3.08
16	-0.66	0.93	1.41
17	-0.66	0.81	1.32
18	-0.44	0.71	1.07
19	-0.05	0.42	0.79
20	-0.94	-0.16	0.50
21	-2.93	-0.60	0.97
22	-1.99	-0.59	0.10
23	-1.53	-0.49	0.40
24	-1.21	-0.39	0.26
SUMMARY	-3.65	0.16	3.08

NUMBER OF OBSERVATIONS: 706

RBOSP COMPOSITE DAY SUMMARY

SOLAR INSOLATION: SITE 1 FOR 7/ 1/75 - 7/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.00	0.02	0.04
2	0.00	0.02	0.03
3	0.00	0.02	0.04
4	0.00	0.02	0.04
5	0.00	0.02	0.03
6	0.00	0.02	0.04
7	0.02	0.10	0.17
8	0.12	0.31	0.48
9	0.13	0.53	0.70
10	0.16	0.81	0.98
11	0.31	1.01	1.21
12	0.22	1.10	1.39
13	0.29	1.19	1.54
14	0.42	1.18	1.58
15	0.24	1.18	1.70
16	0.21	1.05	1.42
17	0.14	0.84	1.47
18	0.16	0.63	1.27
19	0.12	0.34	0.59
20	0.04	0.16	0.29
21	0.02	0.05	0.09
22	0.00	0.02	0.04
23	0.00	0.02	0.04
24	0.00	0.02	0.04
SUMMARY	0.00	0.43	1.70

NUMBER OF OBSERVATIONS: 672

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 10-M: SITE 1 FOR 8/ 1/75 - 8/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.83	5.92	13.78
2	1.90	6.01	12.55
3	1.20	5.72	14.21
4	1.60	5.13	13.21
5	0.81	4.26	12.41
6	0.70	4.32	12.08
7	1.84	4.62	11.12
8	1.14	4.20	11.67
9	1.28	5.38	12.16
10	2.52	7.93	17.07
11	3.54	9.27	16.95
12	4.04	9.66	17.37
13	3.80	10.47	19.55
14	3.65	10.69	21.55
15	5.93	11.01	19.41
16	4.77	10.66	21.53
17	4.80	11.37	21.36
18	3.60	10.69	22.41
19	1.89	8.12	18.06
20	3.00	6.95	15.46
21	2.55	8.89	30.79
22	3.10	8.02	13.65
23	1.46	6.92	14.32
24	2.31	6.91	12.70
SUMMARY	0.70	7.60	30.79

NUMBER OF OBSERVATIONS: 686

RBOSP COMPOSITE DAY SUMMARY

AIR TEMPERATURE 10-M: SITE 1 FOR 8/ 1/75 - 8/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	9.00	16.38	22.93
2	8.76	16.23	23.59
3	8.34	16.05	22.86
4	8.80	15.53	22.78
5	8.84	14.81	21.65
6	9.52	14.62	21.50
7	9.98	14.61	21.07
8	11.02	16.03	22.22
9	13.22	17.70	23.35
10	14.24	19.54	24.99
11	14.19	20.55	25.93
12	16.47	21.82	27.26
13	15.46	21.88	27.32
14	16.12	21.79	29.33
15	14.02	21.98	28.90
16	16.31	22.71	30.07
17	3.75	21.58	27.41
18	1.40	21.22	27.52
19	13.02	21.07	26.23
20	13.14	19.28	24.49
21	8.02	17.90	22.60
22	12.45	17.65	23.63
23	11.00	17.22	23.55
24	10.93	17.01	23.40
SUMMARY	1.40	18.51	30.07

NUMBER OF OBSERVATIONS: 711

RBOSP COMPOSITE DAY SUMMARY

REL. HUMIDITY 10-M: SITE 1 FOR 8/ 1/75 - 8/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	14.71	26.80	81.36
2	14.94	27.03	78.80
3	14.77	26.37	75.02
4	15.08	26.63	68.22
5	15.21	27.90	65.96
6	15.32	28.81	69.19
7	15.10	28.38	73.06
8	11.64	20.97	64.86
9	12.69	19.44	45.73
10	13.20	17.77	33.17
11	13.05	16.89	26.33
12	12.31	15.71	20.22
13	11.52	15.79	30.15
14	11.32	16.22	30.04
15	10.45	15.60	28.42
16	10.34	14.75	24.70
17	10.00	15.94	57.04
18	10.66	16.93	57.10
19	11.56	17.71	53.77
20	12.91	18.54	46.13
21	14.96	21.80	61.72
22	14.72	23.55	76.24
23	14.71	24.98	76.49
24	14.75	25.07	80.37
SUMMARY	10.00	21.32	81.36

NUMBER OF OBSERVATIONS: 708

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 30-M: SITE 1 FOR 8/ 1/75 - 8/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.03	6.95	17.55
2	1.12	6.64	15.80
3	1.47	6.38	17.15
4	1.57	5.48	14.98
5	1.22	4.70	14.78
6	1.12	4.56	14.51
7	0.96	5.20	13.39
8	0.80	4.82	15.14
9	1.44	6.15	15.63
10	2.63	9.09	19.93
11	3.92	10.55	18.91
12	4.22	11.03	19.49
13	0.60	11.60	22.34
14	0.57	11.78	23.59
15	7.01	12.50	23.01
16	5.02	12.40	24.26
17	4.92	13.16	26.62
18	3.81	12.79	25.98
19	2.32	10.02	21.22
20	3.00	8.54	19.63
21	1.75	10.43	37.05
22	3.25	9.38	18.02
23	1.66	8.24	19.79
24	2.07	7.94	15.87
SUMMARY	0.57	8.73	37.05

NUMBER OF OBSERVATIONS: 711

AIR TEMPERATURE 30-M: SITE 1 FOR 8/ 1/75 - 8/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	8.83	16.29	23.97
2	8.56	16.04	23.76
3	8.31	15.91	23.83
4	7.74	15.36	23.16
5	8.76	14.55	22.41
6	9.33	14.25	21.98
7	9.51	14.60	21.46
8	11.26	16.06	21.91
9	12.78	17.24	22.76
10	13.26	18.52	24.41
11	14.37	19.54	24.96
12	15.75	20.48	25.99
13	14.46	20.47	25.48
14	14.29	20.43	26.00
15	15.26	20.89	26.35
16	15.66	21.21	26.48
17	8.74	21.16	26.78
18	11.96	20.98	26.65
19	12.83	20.54	25.79
20	12.95	19.42	24.30
21	12.42	18.52	23.60
22	12.11	17.92	23.53
23	10.64	17.36	23.45
24	10.78	17.13	23.75
SUMMARY	7.74	18.06	26.78

NUMBER OF OBSERVATIONS: 702

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 60-M: SITE 1 FOR 8/ 1/75 - 8/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.60	8.41	21.29
2	1.30	7.75	18.83
3	0.84	7.57	20.15
4	1.42	6.32	16.37
5	0.66	5.83	18.21
6	0.58	5.78	19.74
7	0.96	6.24	19.59
8	1.29	5.74	19.60
9	1.39	6.78	18.99
10	2.74	9.72	21.90
11	4.49	11.35	21.78
12	5.10	12.03	21.54
13	4.66	12.90	23.45
14	2.55	13.26	25.26
15	7.02	13.92	25.04
16	5.62	13.60	26.66
17	5.46	14.29	29.38
18	3.55	14.17	29.80
19	1.78	11.75	23.56
20	3.10	10.91	22.90
21	1.56	12.55	41.05
22	3.60	11.39	21.28
23	1.04	10.45	22.58
24	0.59	9.34	18.60
SUMMARY	0.58	10.06	41.05

NUMBER OF OBSERVATIONS: 711

RBOSP COMPOSITE DAY SUMMARY

DELTA TEMP. 10-60: SITE 1 FOR 8/ 1/75 - 8/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	-2.76	-0.74	0.14
2	-2.58	-0.72	0.17
3	-2.90	-0.71	0.25
4	-3.25	-0.68	0.18
5	-2.72	-0.69	0.27
6	-3.81	-0.54	0.32
7	-4.69	-0.56	0.09
8	-0.74	0.19	0.67
9	-0.66	0.86	3.23
10	0.64	1.13	4.34
11	0.58	1.19	4.12
12	0.77	1.31	4.35
13	0.05	1.26	4.68
14	-0.35	1.01	4.70
15	-1.31	1.10	4.74
16	0.35	1.10	4.62
17	-2.44	0.96	4.12
18	-0.79	0.93	3.60
19	-1.78	0.38	1.45
20	-2.52	-0.49	0.30
21	-2.74	-1.16	0.29
22	-2.81	-0.90	0.32
23	-2.56	-0.88	0.36
24	-2.62	-0.78	0.32
SUMMARY	-4.69	0.09	4.74

NUMBER OF OBSERVATIONS: 708

RBOSP COMPOSITE DAY SUMMARY

SOLAR INSOLATION: SITE 1 FOR 8/ 1/75 - 8/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.00	0.00	0.02
2	0.00	0.00	0.02
3	0.00	0.00	0.02
4	0.00	0.00	0.02
5	0.00	0.00	0.02
6	0.00	0.00	0.02
7	0.02	0.05	0.08
8	0.10	0.25	0.35
9	0.29	0.53	0.69
10	0.44	0.85	1.01
11	0.74	1.10	1.28
12	0.66	1.22	1.48
13	0.44	1.22	1.62
14	0.28	1.12	1.62
15	0.14	1.17	1.57
16	0.31	1.08	1.39
17	0.45	0.92	1.18
18	0.27	0.64	0.88
19	0.15	0.36	0.58
20	0.05	0.12	0.22
21	0.01	0.02	0.03
22	0.00	0.01	0.02
23	0.00	0.00	0.02
24	0.00	0.00	0.02
SUMMARY	0.00	0.42	1.62

NUMBER OF OBSERVATIONS: 438

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 10-M: SITE 1 FOR 6/ 1/75 - 8/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.83	6.33	16.38
2	1.11	6.13	15.44
3	1.20	5.70	17.77
4	1.40	5.55	16.40
5	0.81	5.33	20.60
6	0.70	4.64	13.60
7	1.20	4.46	13.92
8	1.04	4.70	18.70
9	1.28	5.88	21.90
10	2.52	7.58	20.40
11	1.55	8.57	20.80
12	3.13	9.04	19.48
13	2.86	10.25	21.10
14	3.65	10.32	21.55
15	4.29	11.22	21.50
16	4.07	10.43	25.23
17	4.68	10.94	22.69
18	2.80	10.26	22.41
19	1.89	9.21	24.74
20	1.53	7.75	21.59
21	1.89	8.12	30.79
22	1.13	7.19	23.90
23	1.20	6.43	17.70
24	1.09	6.45	14.26
SUMMARY	0.70	7.58	30.79

NUMBER OF OBSERVATIONS: 2150

R30SP COMPOSITE DAY SUMMARY

AIR TEMPERATURE 10-M: SITE 1 FOR 6/ 1/75 - 8/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	3.08	15.43	24.55
2	2.94	15.03	23.59
3	2.53	14.58	22.86
4	2.78	14.15	22.78
5	2.75	13.88	21.65
6	2.02	13.57	21.50
7	2.55	13.70	21.07
8	3.37	14.93	22.22
9	4.31	16.35	23.35
10	4.48	17.90	24.99
11	4.73	18.98	25.93
12	4.80	19.96	27.26
13	6.34	20.37	27.32
14	6.00	20.45	29.33
15	5.20	20.65	28.90
16	3.98	21.15	30.07
17	3.75	20.83	27.41
18	1.40	20.44	27.52
19	5.24	19.59	26.59
20	4.51	18.25	24.93
21	3.70	16.92	24.10
22	3.08	16.47	24.44
23	2.50	16.06	24.08
24	2.30	16.01	24.98
SUMMARY	1.40	17.29	30.07

NUMBER OF OBSERVATIONS: 2174

RBOSP COMPOSITE DAY SUMMARY

REL. HUMIDITY 10-M: SITE 1 FOR 6/ 1/75 - 8/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	10.21	30.46	85.77
2	14.54	31.66	86.37
3	14.77	32.76	86.69
4	15.08	34.14	86.72
5	15.21	34.85	83.47
6	15.32	35.26	83.39
7	14.51	30.89	79.51
8	11.64	23.38	76.30
9	12.55	22.00	82.14
10	13.20	21.90	81.03
11	13.05	20.42	76.99
12	12.31	19.71	71.43
13	11.52	19.70	82.23
14	11.18	19.40	78.26
15	10.45	19.70	76.74
16	10.14	18.64	77.80
17	10.00	18.39	77.42
18	10.41	18.77	75.71
19	11.56	21.12	80.01
20	12.91	23.08	85.25
21	14.96	26.90	86.00
22	14.72	28.93	85.42
23	14.71	29.39	84.81
24	14.75	29.51	85.12
SUMMARY	10.00	25.52	86.72

NUMBER OF OBSERVATIONS: 2151

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 30-M: SITE 1 FOR 6/ 1/75 - 8/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.03	7.33	21.19
2	1.11	7.21	21.19
3	1.47	6.72	20.65
4	1.40	6.24	21.16
5	0.88	5.95	24.50
6	1.12	5.36	17.50
7	0.85	5.26	17.10
8	0.80	5.48	23.90
9	1.26	6.68	26.90
10	2.53	8.73	27.90
11	1.44	9.92	27.60
12	3.09	10.35	24.20
13	0.60	11.71	25.50
14	0.57	11.83	24.48
15	4.25	13.06	24.90
16	4.46	12.12	30.04
17	4.92	12.81	29.20
18	2.56	12.32	26.18
19	2.32	11.18	29.27
20	1.04	9.46	25.05
21	1.70	9.64	37.05
22	0.81	8.49	29.10
23	1.05	7.63	21.42
24	1.49	7.46	18.24
SUMMARY	0.57	8.85	37.05

NUMBER OF OBSERVATIONS: 2174

RBOSP COMPOSITE DAY SUMMARY

AIR TEMPERATURE 30-M: SITE 1 FOR 6/ 1/75 - 8/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	2.02	15.39	24.85
2	2.45	14.97	23.76
3	1.05	14.48	23.83
4	1.71	14.02	23.16
5	1.95	13.65	22.41
6	1.55	13.27	21.98
7	1.77	13.72	21.46
8	2.55	14.88	21.91
9	3.40	15.95	22.76
10	3.46	17.12	24.41
11	3.80	18.04	24.96
12	4.52	18.79	25.99
13	5.06	19.09	25.59
14	4.91	19.43	26.48
15	4.24	19.62	26.81
16	3.15	19.93	27.00
17	2.46	20.08	26.78
18	2.99	19.84	26.65
19	4.66	19.18	25.97
20	3.92	18.23	24.64
21	3.21	17.13	24.72
22	2.49	16.46	24.77
23	2.14	16.07	24.68
24	2.11	15.95	24.63
SUMMARY	1.05	16.85	27.00

NUMBER OF OBSERVATIONS: 2166

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 60-M: SITE 1 FOR 6/ 1/75 - 8/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.58	9.04	25.70
2	1.30	8.75	25.56
3	0.84	8.35	24.26
4	1.42	7.48	25.97
5	0.56	7.08	27.20
6	0.58	6.58	20.50
7	0.63	6.23	20.71
8	1.03	6.30	26.40
9	1.15	7.38	29.70
10	2.08	9.34	29.50
11	1.73	10.74	28.20
12	3.53	11.31	26.97
13	1.00	12.77	30.10
14	2.55	13.00	28.36
15	3.92	14.53	27.10
16	4.81	13.43	32.44
17	4.93	14.02	31.80
18	2.80	13.77	29.80
19	1.78	12.80	31.00
20	1.51	11.64	28.80
21	1.56	11.67	41.05
22	1.08	10.37	33.20
23	0.80	9.44	24.59
24	0.59	9.05	21.60
SUMMARY	0.56	10.19	41.05

NUMBER OF OBSERVATIONS: 2174

RBOSP COMPOSITE DAY SUMMARY

DELTA TEMP. 10-60: SITE 1 FOR 6/ 1/75 - 8/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	-2.76	-0.57	1.12
2	-3.05	-0.62	1.31
3	-2.90	-0.58	1.25
4	-3.25	-0.59	0.27
5	-2.72	-0.55	0.39
6	-3.81	-0.53	0.34
7	-4.69	-0.34	0.56
8	-0.81	0.33	0.81
9	-0.66	0.74	3.23
10	0.30	0.90	4.34
11	-2.72	0.94	4.12
12	0.22	1.08	4.35
13	0.05	1.13	4.68
14	-0.35	1.01	4.70
15	-1.31	1.01	4.74
16	-0.66	0.97	4.62
17	-2.44	0.86	4.12
18	-0.79	0.77	3.60
19	-1.78	0.43	1.55
20	-2.52	-0.17	0.58
21	-2.93	-0.70	0.97
22	-2.81	-0.68	0.50
23	-2.57	-0.66	0.40
24	-2.70	-0.58	0.42
SUMMARY	-4.69	0.14	4.74

NUMBER OF OBSERVATIONS: 2161

RBOSP COMPOSITE DAY SUMMARY

SOLAR INSOLATION: SITE 1 FOR 6/ 1/75 - 8/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.00	0.02	0.04
2	0.00	0.02	0.03
3	0.00	0.02	0.04
4	0.00	0.02	0.04
5	0.00	0.02	0.04
6	0.00	0.02	0.04
7	0.02	0.10	0.21
8	0.10	0.32	0.60
9	0.13	0.59	1.51
10	0.16	0.87	1.58
11	0.15	1.03	1.83
12	0.13	1.15	1.85
13	0.13	1.13	1.85
14	0.23	1.19	1.85
15	0.14	1.18	1.86
16	0.21	1.04	1.67
17	0.14	0.89	1.65
18	0.16	0.65	1.32
19	0.08	0.39	0.89
20	0.03	0.13	0.45
21	0.00	0.05	0.11
22	0.00	0.02	0.05
23	0.00	0.02	0.04
24	0.00	0.02	0.04
SUMMARY	0.00	0.44	1.86

NUMBER OF OBSERVATIONS: 1601

RBOSP COMPOSITE DAY SUMMARY

WIND DIR. SIGMA 10-M: SITE 1 FOR 6/ 1/75 - 6/30/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	2.98	9.30	28.18
2	3.01	8.74	20.13
3	3.47	9.69	30.97
4	2.53	8.42	14.89
5	2.45	8.81	22.82
6	3.61	11.31	22.23
7	3.40	11.57	20.95
8	6.30	12.71	19.31
9	8.40	13.69	28.12
10	9.50	16.12	59.26
11	8.81	14.26	26.72
12	8.20	15.63	27.94
13	8.53	15.05	24.33
14	8.80	16.20	26.03
15	8.59	13.75	28.60
16	7.98	14.06	24.32
17	6.62	13.15	21.10
18	6.84	11.97	17.49
19	7.54	10.75	16.40
20	5.71	10.60	29.28
21	2.80	8.89	20.08
22	2.36	8.40	19.15
23	3.78	9.21	25.71
24	3.56	9.70	20.03
SUMMARY	2.36	11.74	59.26

NUMBER OF OBSERVATIONS: 684

RBOSP COMPOSITE DAY SUMMARY

WIND DIR. SIGMA 10-M: SITE 1 FOR 7/ 1/75 - 7/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	2.78	9.84	29.66
2	3.52	11.91	28.07
3	0.01	12.41	29.74
4	3.73	9.65	25.06
5	2.91	9.41	28.27
6	2.80	10.34	23.46
7	3.73	11.07	29.58
8	6.22	15.07	23.39
9	7.13	16.14	29.25
10	9.53	15.63	27.52
11	10.88	19.05	28.49
12	11.71	17.95	28.30
13	8.73	17.40	29.01
14	7.33	17.25	27.50
15	6.26	16.36	29.32
16	5.58	17.37	26.94
17	5.01	15.26	29.54
18	6.16	13.84	30.69
19	6.06	12.56	27.04
20	4.19	10.48	26.15
21	3.38	9.36	24.56
22	2.91	10.98	28.35
23	3.56	10.41	30.61
24	2.83	9.91	25.97
SUMMARY	0.01	13.30	30.69

NUMBER OF OBSERVATIONS: 708

RBOSP COMPOSITE DAY SUMMARY

WIND DIR. SIGMA 10-M: SITE 1 FOR 8/ 1/75 - 8/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.40	9.73	26.14
2	1.45	7.96	28.32
3	0.71	8.11	22.05
4	1.19	8.81	26.15
5	0.77	10.82	27.36
6	2.81	9.96	24.54
7	2.73	9.07	22.25
8	3.56	13.16	26.60
9	8.50	14.42	24.71
10	8.69	14.06	26.15
11	8.36	14.97	24.99
12	8.38	15.47	25.53
13	7.60	14.39	24.39
14	7.24	14.73	29.27
15	3.17	13.97	27.87
16	7.65	15.36	27.07
17	6.69	14.07	29.53
18	8.41	12.95	27.51
19	5.87	11.94	26.90
20	3.34	8.86	22.96
21	3.00	7.50	21.63
22	1.96	7.68	19.12
23	1.59	9.19	31.12
24	1.59	7.19	20.39
SUMMARY	0.71	11.39	31.12

NUMBER OF OBSERVATIONS: 686

RBOSP COMPOSITE DAY SUMMARY

WIND DIR. SIGMA 10-M: SITE 1 FOR 6/ 1/75 - 8/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.40	9.79	29.66
2	1.45	9.77	28.32
3	0.01	10.33	30.97
4	1.19	9.13	26.15
5	0.77	9.61	28.27
6	2.80	10.58	24.54
7	2.73	10.60	29.58
8	3.56	13.61	26.60
9	7.18	14.65	29.25
10	8.69	15.29	59.26
11	8.36	16.05	28.49
12	8.20	16.35	28.30
13	7.60	15.66	29.01
14	7.24	15.98	29.27
15	3.17	14.70	29.32
16	5.58	15.59	27.07
17	5.01	14.15	29.54
18	6.16	12.91	30.69
19	5.87	11.72	27.04
20	3.34	10.02	29.28
21	2.80	8.59	24.56
22	1.96	8.97	28.35
23	1.59	9.61	31.12
24	1.59	8.90	25.97
SUMMARY	0.01	12.17	59.26

NUMBER OF OBSERVATIONS: 2150

B.2.2

METEOROLOGICAL DATA COMPOSITE DAY SUMMARIES
FOR SITE 2
1 JUNE 1975 THROUGH 31 AUGUST 1975

WS10	Wind speed at the 10-m level (mph)
AT10	Air temperature at the 10-m level (degrees Celsius)

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 10-M: SITE 2 FOR 6/ 1/75 - 6/30/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.59	6.82	13.90
2	2.25	8.25	18.66
3	1.59	7.68	14.79
4	1.78	7.36	23.90
5	2.68	7.08	23.20
6	1.19	7.19	17.09
7	1.33	6.61	16.41
8	1.72	7.98	21.30
9	2.34	9.46	19.10
10	1.63	10.72	24.30
11	2.52	11.46	22.92
12	4.85	12.42	25.61
13	3.71	13.07	26.21
14	4.83	14.92	35.50
15	5.94	15.60	23.40
16	4.68	13.94	26.76
17	4.25	15.32	24.63
18	5.30	14.08	25.02
19	2.20	11.95	26.69
20	2.20	10.78	23.74
21	2.98	9.51	20.56
22	1.14	7.59	15.30
23	1.75	7.33	14.13
24	1.74	7.97	17.47
SUMMARY	1.14	10.15	35.50

NUMBER OF OBSERVATIONS: 677

RBOSP COMPOSITE DAY SUMMARY

AIR TEMPERATURE 10-M: SITE 2 FOR 6/ 1/75 - 6/30/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	2.70	10.68	18.13
2	1.59	10.31	18.63
3	1.89	9.96	18.49
4	1.47	9.96	18.10
5	2.11	9.64	17.24
6	1.91	9.51	17.08
7	1.94	10.12	17.70
8	2.78	11.69	18.94
9	3.62	12.88	19.64
10	3.73	13.83	20.40
11	4.25	14.32	20.99
12	4.49	14.88	21.84
13	5.31	14.99	22.10
14	5.75	15.89	24.46
15	5.20	15.99	23.63
16	4.75	16.20	23.06
17	3.11	16.48	23.44
18	4.09	16.23	23.91
19	4.77	15.63	24.01
20	3.96	14.62	23.24
21	3.33	13.21	20.43
22	3.01	12.41	19.84
23	2.37	12.06	19.23
24	1.55	11.67	19.15
SUMMARY	1.47	13.03	24.46

NUMBER OF OBSERVATIONS: 687

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 10-M: SITE 2 FOR 7/ 1/75 - 7/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	2.70	6.64	14.57
2	1.41	5.74	15.80
3	1.20	5.77	17.10
4	1.45	5.29	13.44
5	1.87	5.51	15.01
6	2.26	4.52	15.59
7	1.36	4.18	16.54
8	0.62	3.89	12.34
9	2.22	4.60	12.45
10	2.05	5.88	14.12
11	1.89	7.02	17.56
12	3.60	7.86	16.57
13	2.57	7.89	13.78
14	3.90	9.25	17.18
15	3.18	10.18	19.00
16	4.50	9.98	15.99
17	1.99	9.38	15.00
18	3.06	9.42	17.55
19	3.93	9.21	16.41
20	4.16	8.73	19.28
21	2.50	8.44	22.15
22	1.20	6.37	19.65
23	1.16	6.42	15.02
24	2.05	6.64	12.38
SUMMARY	0.62	7.01	22.15

NUMBER OF OBSERVATIONS: 709

RBOSP COMPOSITE DAY SUMMARY

AIR TEMPERATURE 10-M: SITE 2 FOR 7/ 1/75 - 7/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	10.64	17.14	22.50
2	11.88	16.62	21.35
3	12.08	15.93	21.90
4	11.12	15.45	19.31
5	10.56	15.28	20.93
6	11.12	15.10	20.25
7	12.04	15.55	19.05
8	12.52	16.95	21.28
9	11.38	18.54	23.12
10	12.23	19.96	24.09
11	12.50	21.06	24.63
12	13.48	21.78	25.32
13	13.37	22.33	26.60
14	12.22	22.73	26.69
15	11.97	22.47	27.47
16	14.67	23.23	27.29
17	16.07	23.49	26.97
18	16.65	23.08	26.88
19	12.05	22.14	26.44
20	12.77	20.99	24.92
21	9.85	18.80	23.28
22	10.09	18.16	21.89
23	9.50	17.64	22.61
24	9.92	17.41	22.27
SUMMARY	9.50	19.20	27.47

NUMBER OF OBSERVATIONS: 709

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 10-M: SITE 2 FOR 8/ 1/75 - 8/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	2.19	8.61	19.66
2	2.91	8.53	19.66
3	2.27	7.57	19.66
4	1.88	6.99	19.66
5	2.35	7.47	19.66
6	1.42	6.91	19.66
7	1.93	6.93	19.66
8	0.86	6.61	19.66
9	1.58	7.61	19.66
10	2.01	9.13	19.43
11	3.64	9.80	18.83
12	4.28	11.78	21.16
13	4.21	11.81	20.99
14	4.68	12.48	25.42
15	6.92	13.14	24.24
16	4.42	13.37	23.74
17	1.71	12.01	28.51
18	3.18	13.10	28.42
19	3.81	10.41	19.62
20	2.58	9.34	20.45
21	2.57	10.50	36.70
22	4.90	10.47	19.66
23	2.75	9.59	19.66
24	2.77	9.09	19.66
SUMMARY	0.86	9.71	36.70

NUMBER OF OBSERVATIONS: 711

RBOSP COMPOSITE DAY SUMMARY

AIR TEMPERATURE 10-M: SITE 2 FOR 8/ 1/75 - 8/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	10.06	16.10	21.83
2	11.09	16.07	22.13
3	11.11	15.72	21.42
4	11.11	15.41	21.42
5	10.12	14.95	21.42
6	9.58	14.67	21.42
7	9.65	14.82	21.42
8	11.11	16.09	21.42
9	11.11	17.48	23.07
10	13.57	18.90	24.66
11	13.57	19.87	25.23
12	11.11	20.21	26.54
13	11.11	20.64	26.46
14	11.11	20.34	26.04
15	11.11	20.48	26.64
16	11.11	20.99	26.85
17	11.11	21.20	26.97
18	8.20	20.38	26.95
19	11.85	20.43	26.03
20	13.56	19.55	24.21
21	11.11	18.01	23.14
22	11.11	17.63	23.26
23	11.11	17.37	23.40
24	10.46	16.71	21.91
SUMMARY	8.20	18.06	26.97

NUMBER OF OBSERVATIONS: 615

WIND SPEED 10-M: SITE 2 FOR 6/ 1/75 - 8/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.59	7.55	19.66
2	1.41	7.74	19.66
3	1.20	7.23	19.66
4	1.45	6.81	23.90
5	1.87	6.91	23.20
6	1.19	6.28	19.66
7	1.33	5.93	19.66
8	0.62	6.12	21.30
9	1.58	7.20	19.66
10	1.63	8.56	24.30
11	1.89	9.49	22.92
12	3.60	10.75	25.61
13	2.57	11.07	26.21
14	3.90	12.29	35.50
15	3.18	13.01	28.40
16	4.42	12.46	26.76
17	1.71	12.26	28.51
18	3.06	12.19	28.42
19	2.20	10.43	26.69
20	2.20	9.63	23.74
21	2.50	9.59	36.70
22	1.14	8.49	30.10
23	1.16	7.98	19.66
24	1.74	8.12	19.66
SUMMARY	0.62	9.06	36.70

NUMBER OF OBSERVATIONS: 2169

RBOSP COMPOSITE DAY SUMMARY

AIR TEMPERATURE 10-M: SITE 2 FOR 6/ 1/75 - 8/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	2.70	14.74	22.50
2	1.59	14.42	22.13
3	1.89	13.96	21.90
4	1.47	13.71	21.42
5	2.11	13.39	21.42
6	1.91	13.15	21.42
7	1.94	13.54	21.42
8	2.78	14.95	21.42
9	3.62	16.35	23.12
10	3.73	17.61	24.66
11	4.25	18.45	25.23
12	4.49	19.10	26.54
13	5.31	19.43	26.60
14	5.75	19.76	26.69
15	5.20	19.77	27.47
16	4.75	20.28	27.29
17	3.11	20.49	26.97
18	4.09	20.01	26.95
19	4.77	19.53	26.44
20	3.96	18.44	24.92
21	3.33	16.78	23.45
22	3.01	16.15	23.26
23	2.37	15.80	23.40
24	1.55	15.38	22.27
SUMMARY	1.47	16.86	27.47

NUMBER OF OBSERVATIONS: 2083

B.2.3

METEOROLOGICAL DATA COMPOSITE DAY SUMMARIES
FOR SITE 3
1 JUNE 1975 THROUGH 31 AUGUST 1975

WS10	Wind Speed at the 10-m level (mph)
AT10	Air Temperature at the 10-m level (degrees Celsius)

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 10-M: SITE 3 FOR 6/ 1/75 - 6/30/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.52	5.90	8.66
2	1.75	5.49	8.21
3	0.97	5.28	11.47
4	2.35	5.53	8.61
5	1.89	5.58	9.20
6	1.83	5.00	7.54
7	1.40	4.06	6.40
8	1.70	4.01	10.20
9	2.34	6.59	15.22
10	3.36	7.74	14.70
11	2.37	8.67	16.50
12	4.25	9.76	18.20
13	2.78	10.67	20.78
14	3.16	11.80	29.90
15	4.95	12.54	22.00
16	5.64	11.49	19.19
17	5.96	12.08	19.32
18	3.49	11.53	19.91
19	4.38	9.93	19.42
20	1.87	6.61	11.68
21	1.93	5.81	9.61
22	0.96	6.14	9.20
23	2.78	6.44	9.59
24	2.06	6.06	8.95
SUMMARY	0.96	7.67	29.90

NUMBER OF OBSERVATIONS: 690

RBOSP COMPOSITE DAY SUMMARY

AIR TEMPERATURE 10-M: SITE 3 FOR 6/ 1/75 - 6/30/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	-0.85	6.83	12.67
2	-1.52	6.56	13.96
3	-2.39	5.98	19.52
4	-2.17	5.43	15.64
5	-2.19	5.21	16.40
6	-2.30	4.64	15.12
7	0.06	6.35	12.52
8	4.27	10.54	17.07
9	5.26	13.46	21.84
10	5.75	15.20	22.84
11	6.10	16.35	23.31
12	6.26	16.73	24.06
13	6.64	17.11	24.38
14	8.29	17.53	25.05
15	6.85	18.05	25.48
16	5.95	18.25	25.61
17	4.51	18.48	25.72
18	6.07	17.99	26.32
19	5.74	17.27	25.96
20	5.44	15.75	23.33
21	4.92	11.73	19.48
22	3.10	9.44	17.06
23	2.13	8.32	13.79
24	1.72	7.29	12.91
SUMMARY	-2.39	12.07	26.32

NUMBER OF OBSERVATIONS: 690

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 10-M: SITE 3 FOR 7/ 1/75 - 7/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.56	5.52	9.18
2	2.36	5.93	8.19
3	1.62	5.49	8.46
4	1.80	5.88	8.47
5	1.40	5.83	8.20
6	1.58	5.85	8.10
7	1.78	4.54	8.40
8	1.22	2.89	6.60
9	1.99	3.82	6.37
10	2.20	5.46	9.44
11	3.70	6.13	11.75
12	2.38	6.49	12.03
13	3.53	6.73	11.50
14	3.27	7.57	16.05
15	1.89	8.26	17.32
16	3.29	7.82	15.77
17	3.22	8.14	13.40
18	1.30	7.72	12.63
19	2.68	6.96	11.30
20	1.81	5.36	10.60
21	2.10	5.78	15.90
22	1.70	6.09	9.36
23	1.70	6.27	9.30
24	2.30	6.36	9.40
SUMMARY	1.22	6.12	17.32

NUMBER OF OBSERVATIONS: 715

RBOSP COMPOSITE DAY SUMMARY

AIR TEMPERATURE 10-M: SITE 3 FOR 7/ 1/75 - 7/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	9.21	12.83	17.72
2	7.73	11.75	17.36
3	6.23	10.96	15.91
4	5.85	10.36	14.34
5	5.82	9.96	15.05
6	5.81	9.57	14.85
7	7.17	10.80	14.11
8	11.85	15.05	18.24
9	11.60	18.23	21.02
10	12.58	20.56	25.72
11	13.58	22.27	26.95
12	14.27	23.37	27.69
13	14.08	23.89	28.30
14	13.26	24.26	28.63
15	13.22	24.09	28.85
16	16.28	24.92	28.74
17	17.57	24.94	28.97
18	18.27	24.59	28.94
19	13.50	23.80	28.73
20	13.56	22.36	26.94
21	11.19	18.16	22.23
22	11.08	15.72	19.61
23	10.71	14.41	19.10
24	9.66	13.63	18.56
SUMMARY	5.81	17.92	28.97

NUMBER OF OBSERVATIONS: 715

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 10-M: SITE 3 FOR 8/ 1/75 - 8/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	3.63	6.86	9.36
2	1.73	6.44	9.29
3	2.41	5.42	8.29
4	1.10	5.69	8.42
5	1.79	5.48	8.68
6	1.80	6.09	8.41
7	1.66	5.76	9.88
8	1.02	3.39	6.84
9	1.40	4.78	11.89
10	3.00	6.69	15.69
11	3.53	7.92	14.31
12	3.87	9.19	16.40
13	4.56	10.12	15.94
14	4.98	10.68	19.04
15	5.39	11.09	18.98
16	5.86	10.89	20.38
17	1.04	9.11	15.00
18	2.42	10.16	21.21
19	2.17	8.02	14.42
20	1.94	6.07	9.90
21	2.64	7.40	23.52
22	2.84	6.90	11.23
23	2.04	6.69	9.61
24	2.44	6.09	9.40
SUMMARY	1.02	7.36	23.52

NUMBER OF OBSERVATIONS: 710

RBOSP COMPOSITE DAY SUMMARY

AIR TEMPERATURE 10-M: SITE 3 FOR 8/ 1/75 - 8/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	6.35	11.26	15.74
2	7.13	10.54	16.84
3	5.16	9.72	17.30
4	4.62	8.58	15.92
5	3.47	7.97	14.74
6	4.55	7.64	15.80
7	4.83	8.49	19.20
8	8.83	12.27	21.73
9	12.38	16.56	23.81
10	14.66	19.23	25.36
11	16.82	21.35	27.01
12	6.34	21.87	27.75
13	13.76	22.79	28.23
14	13.76	22.66	27.51
15	17.26	23.10	28.76
16	17.26	23.41	28.67
17	17.26	23.59	28.49
18	15.54	23.40	28.25
19	11.64	22.54	27.47
20	12.84	19.81	25.57
21	11.06	15.17	20.84
22	9.56	13.87	21.41
23	8.79	12.83	18.80
24	7.17	11.89	16.66
SUMMARY	3.47	16.30	28.76

NUMBER OF OBSERVATIONS: 645

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 10-M: SITE 3 FOR 6/ 1/75 - 8/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.52	6.04	9.36
2	1.73	5.95	9.29
3	0.97	5.37	11.47
4	1.10	5.66	8.61
5	1.40	5.63	9.20
6	1.58	5.71	10.30
7	1.40	4.83	9.88
8	1.02	3.42	10.20
9	1.40	5.09	15.22
10	2.20	6.67	15.69
11	2.37	7.67	16.50
12	2.38	8.58	19.66
13	2.78	9.27	20.78
14	3.16	10.12	29.90
15	1.89	10.68	22.00
16	3.29	10.14	20.38
17	1.04	9.88	19.32
18	1.30	9.87	21.21
19	2.17	8.33	19.42
20	1.81	6.04	11.68
21	1.93	6.40	23.52
22	0.96	6.58	23.20
23	1.70	6.49	9.61
24	2.06	6.15	9.40
SUMMARY	0.96	7.10	29.90

NUMBER OF OBSERVATIONS: 2187

RBOSP COMPOSITE DAY SUMMARY

AIR TEMPERATURE 10-M: SITE 3 FOR 6/ 1/75 - 8/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	-0.85	10.26	17.72
2	-1.52	9.55	17.36
3	-2.39	8.82	19.52
4	-2.17	8.10	15.92
5	-2.19	7.73	16.40
6	-2.30	7.36	15.80
7	0.06	8.58	19.20
8	4.27	12.65	21.73
9	5.26	16.20	23.81
10	5.75	18.43	25.72
11	6.10	20.07	27.01
12	6.26	20.85	27.75
13	6.64	21.44	28.30
14	8.29	21.65	28.63
15	6.85	21.91	28.85
16	5.95	22.35	28.74
17	4.51	22.45	28.97
18	6.07	22.13	28.94
19	5.74	21.34	28.73
20	5.44	19.40	26.94
21	4.92	15.12	22.23
22	3.10	13.04	21.41
23	2.13	11.87	19.10
24	1.72	11.05	18.56
SUMMARY	-2.39	15.50	28.97

NUMBER OF OBSERVATIONS: 2122

B.2.4

METEOROLOGICAL DATA COMPOSITE DAY SUMMARIES
FOR SITE 4
1 JUNE 1975 THROUGH 31 AUGUST 1975

WS10	Wind Speed at the 10-m level (mph)
AT10	Air Temperature at the 10-m level (degrees Celsius)

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 10-M: SITE 4 FOR 6/ 1/75 - 6/30/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.13	3.82	6.90
2	0.74	3.92	7.20
3	0.86	3.95	14.86
4	0.63	3.73	8.09
5	1.18	3.66	6.77
6	0.59	3.55	7.92
7	1.18	2.92	7.14
8	1.17	3.67	13.90
9	1.77	5.97	16.30
10	2.08	7.30	19.70
11	2.76	9.32	20.90
12	3.78	10.49	21.32
13	4.24	11.40	21.90
14	2.45	11.59	26.40
15	4.17	12.46	23.60
16	3.56	12.63	22.18
17	3.34	12.02	20.84
18	4.61	12.25	20.21
19	4.45	10.38	16.92
20	1.31	7.23	14.47
21	1.21	4.35	8.99
22	0.82	4.40	8.49
23	1.35	4.00	8.93
24	1.56	3.80	6.42
SUMMARY	0.59	7.00	26.40

NUMBER OF OBSERVATIONS: 691

RBOSP COMPOSITE DAY SUMMARY

AIR TEMPERATURE 10-M: SITE 4 FOR 6/ 1/75 - 6/30/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.34	6.71	14.20
2	-0.54	5.78	15.67
3	-1.01	5.86	21.29
4	-2.63	4.86	18.40
5	-2.51	4.07	16.52
6	-2.97	3.71	18.01
7	-1.37	5.66	15.32
8	3.75	10.95	19.40
9	5.37	15.26	28.24
10	6.78	17.27	25.70
11	7.04	18.31	26.24
12	8.28	18.92	27.19
13	7.97	19.28	27.52
14	8.07	19.64	28.22
15	6.26	20.29	28.76
16	9.16	20.45	28.48
17	6.69	20.79	28.61
18	8.32	20.28	29.18
19	6.87	19.41	28.93
20	7.48	18.06	26.30
21	6.62	14.28	22.29
22	4.25	11.41	18.95
23	2.16	9.45	18.05
24	1.59	7.67	15.51
SUMMARY	-2.97	13.22	29.18

NUMBER OF OBSERVATIONS: 691

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 10-M: SITE 4 FOR 7/ 1/75 - 7/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.76	3.93	10.90
2	1.02	3.57	6.80
3	1.75	3.99	12.30
4	1.80	4.17	11.40
5	1.50	3.28	9.60
6	1.58	3.37	5.45
7	0.93	2.70	5.80
8	0.72	2.11	5.48
9	1.05	2.94	8.06
10	1.61	3.87	10.37
11	2.00	5.26	16.08
12	2.72	6.04	16.35
13	2.85	7.46	15.89
14	1.40	6.75	16.43
15	2.10	7.89	19.46
16	3.33	8.53	18.74
17	3.46	8.45	15.79
18	1.88	8.70	16.48
19	3.69	8.21	14.31
20	1.86	6.23	12.77
21	1.09	5.14	18.35
22	1.44	3.92	9.74
23	1.10	4.26	8.18
24	0.90	4.45	10.28
SUMMARY	0.72	5.21	19.46

NUMBER OF OBSERVATIONS: 718

RBOSP COMPOSITE DAY SUMMARY

AIR TEMPERATURE 10-M: SITE 4 FOR 7/ 1/75 - 7/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	8.25	13.49	20.30
2	4.51	12.34	19.82
3	4.82	11.68	19.16
4	4.57	10.87	16.49
5	3.74	9.97	16.03
6	2.67	9.34	15.67
7	6.30	10.60	15.67
8	9.26	15.61	19.65
9	15.28	20.00	23.25
10	15.03	22.95	28.17
11	16.55	24.89	29.82
12	15.89	26.04	31.00
13	15.66	26.49	31.16
14	16.46	27.17	32.75
15	15.74	27.26	33.14
16	18.78	27.44	31.89
17	19.82	27.68	32.17
18	20.71	27.55	31.88
19	15.86	26.66	31.67
20	16.09	24.82	29.82
21	13.97	21.12	25.31
22	13.74	18.05	23.14
23	12.88	16.11	21.75
24	11.14	14.80	20.92
SUMMARY	2.67	19.69	33.14

NUMBER OF OBSERVATIONS: 718

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 10-M: SITE 4 FOR 8/ 1/75 - 8/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.22	3.78	5.86
2	2.00	4.03	6.78
3	1.20	3.50	5.46
4	1.95	3.32	5.85
5	1.88	3.86	6.14
6	1.68	3.85	7.09
7	0.97	3.43	7.43
8	0.65	2.78	8.57
9	1.00	4.22	15.68
10	1.74	5.19	16.08
11	3.07	7.28	16.99
12	3.72	8.99	19.63
13	3.19	9.70	17.69
14	1.79	9.68	16.68
15	4.26	11.36	19.18
16	2.73	12.01	31.23
17	3.69	10.67	17.13
18	3.44	10.48	17.86
19	3.16	9.51	16.78
20	1.70	4.97	9.31
21	2.20	5.37	11.86
22	0.70	4.45	8.51
23	0.71	3.63	8.48
24	1.44	4.01	6.33
SUMMARY	0.65	6.22	31.23

NUMBER OF OBSERVATIONS: 706

RBOSP COMPOSITE DAY SUMMARY

AIR TEMPERATURE 10-M: SITE 4 FOR 8/ 1/75 - 8/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	4.56	10.31	16.24
2	3.20	9.26	18.30
3	1.30	8.34	18.60
4	1.91	7.30	17.50
5	0.67	6.58	17.46
6	0.34	5.96	16.35
7	-0.53	6.38	15.49
8	5.65	11.88	19.73
9	12.10	17.96	26.58
10	17.27	21.49	28.24
11	19.28	24.01	30.40
12	20.77	25.63	31.03
13	21.23	26.11	31.48
14	22.32	26.41	31.53
15	21.18	26.57	32.15
16	19.64	26.72	32.06
17	21.39	26.84	32.08
18	19.80	26.58	31.50
19	16.83	25.78	30.62
20	19.27	23.63	28.25
21	8.21	17.94	24.64
22	10.75	15.20	21.41
23	7.87	13.56	20.14
24	5.96	11.55	18.12
SUMMARY	-0.53	17.37	32.15

NUMBER OF OBSERVATIONS: 631

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 10-M: SITE 4 FOR 6/ 1/75 - 8/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.13	3.88	10.90
2	0.74	3.88	7.20
3	0.86	3.83	14.86
4	0.63	3.92	11.40
5	1.18	3.61	9.60
6	0.59	3.59	7.92
7	0.93	3.05	7.43
8	0.65	2.88	13.90
9	1.00	4.40	16.30
10	1.61	5.45	19.70
11	2.00	7.37	20.90
12	2.72	8.60	21.32
13	2.85	9.71	21.90
14	1.40	9.50	26.40
15	2.10	10.66	23.60
16	2.73	11.09	31.23
17	3.34	10.47	20.84
18	1.88	10.53	20.21
19	3.16	9.39	16.92
20	1.31	6.13	14.47
21	1.09	5.06	18.35
22	0.70	4.40	14.80
23	0.71	3.97	8.93
24	0.90	4.14	10.28
SUMMARY	0.59	6.20	31.23

NUMBER OF OBSERVATIONS: 2187

RBOSP COMPOSITE DAY SUMMARY

AIR TEMPERATURE 10-M: SITE 4 FOR 6/ 1/75 - 8/31/75

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.34	10.11	20.30
2	-0.54	9.07	19.82
3	-1.01	8.54	21.29
4	-2.63	7.63	18.40
5	-2.51	6.82	17.46
6	-2.97	6.29	18.01
7	-1.37	7.62	15.67
8	3.75	12.91	19.73
9	5.37	17.84	28.24
10	6.78	20.67	28.24
11	7.04	22.48	30.40
12	8.28	23.66	31.03
13	7.97	24.04	31.48
14	8.07	24.46	32.75
15	6.26	24.79	33.14
16	9.16	25.01	32.06
17	6.69	25.20	32.17
18	8.32	24.90	31.88
19	6.87	24.05	31.67
20	7.48	22.23	29.82
21	6.62	17.90	25.31
22	4.25	14.94	23.14
23	2.16	13.08	21.75
24	1.59	11.39	20.92
SUMMARY	-2.97	16.82	33.14

NUMBER OF OBSERVATIONS: 2112

SECTION B.3

WIND SPEED VERSUS WIND DIRECTION SUMMARIES

B.3-1 to B.3-24

10-m RBOSP WIND ROSE DATA FOR 6/75 SITE: 1

DIR.	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG. WIND SPEED (MPH)
N	0.6	0.3	0.3	0.0	0.0	0.0	1.1	4.7
NNE	0.4	0.4	0.4	1.0	0.0	0.0	2.3	9.5
NE	0.6	1.4	0.8	0.3	0.0	0.0	3.1	6.3
ENE	0.3	1.6	0.8	0.1	0.0	0.0	2.8	6.2
E	0.4	1.3	0.0	0.0	0.0	0.0	1.7	4.1
ESE	0.3	1.0	0.1	0.0	0.0	0.0	1.4	3.8
SE	0.3	0.4	0.0	0.0	0.0	0.0	0.7	3.5
SSE	0.4	2.0	0.4	0.1	0.0	0.0	3.0	5.3
S	0.7	1.3	0.8	1.1	0.3	0.0	4.2	8.7
SSW	1.7	3.1	4.5	6.4	1.3	0.0	16.9	10.7
SW	0.8	4.4	2.7	0.4	0.0	0.0	8.3	6.7
WSW	0.6	5.8	9.9	2.7	0.1	0.0	19.1	8.7
W	1.1	2.1	8.9	3.7	0.3	0.0	16.1	9.7
WNW	0.4	2.8	2.3	3.5	1.8	0.0	11.4	11.5
NW	1.0	1.1	1.6	1.0	0.1	0.3	5.1	9.3
NNW	0.6	1.6	0.4	0.1	0.0	0.0	2.7	5.7
TOTAL	10.2	30.5	34.6	20.5	4.0	0.3	****	8.8

10-m RBOSP WIND ROSE DATA FOR 7/75 SITE: 1

DIR.	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG. WIND SPEED (MPH)
N	0.7	1.0	1.5	0.0	0.0	0.0	3.1	6.2
NNE	0.5	1.6	1.2	0.3	0.1	0.0	3.8	7.2
NE	1.1	2.0	1.9	0.5	0.0	0.0	5.6	6.8
ENE	0.8	3.3	1.5	0.0	0.0	0.0	5.6	5.0
E	0.5	2.5	0.7	0.0	0.0	0.0	3.7	4.9
ESE	0.8	1.9	0.3	0.0	0.0	0.0	3.0	4.4
SE	1.0	0.8	0.4	0.0	0.0	0.0	2.2	4.2
SSE	1.2	1.4	0.3	0.0	0.0	0.0	2.9	4.1
S	1.2	2.2	1.4	0.7	0.0	0.0	5.5	6.5
SSW	0.8	2.3	3.8	0.7	0.0	0.0	7.7	7.6
SW	1.1	6.1	3.8	0.3	0.0	0.0	11.3	6.2
WSW	1.1	6.8	4.6	1.0	0.0	0.0	13.5	7.0
W	1.5	3.3	3.7	0.7	0.0	0.0	9.2	6.5
WNW	1.5	6.3	2.6	0.1	0.3	0.0	10.8	6.2
NW	1.8	2.7	1.9	0.3	0.3	0.0	7.0	6.2
NNW	1.1	1.5	2.0	0.4	0.0	0.0	5.1	6.8
TOTAL	16.8	45.8	31.7	4.9	0.7	0.0	99.9	6.3

10-m RBOSP WIND ROSE DATA FOR 8/75 SITE: 1

DIR.	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG. WIND SPEED (MPH)
N	0.6	0.8	0.3	0.0	0.0	0.0	1.7	4.9
NNE	0.1	0.3	0.0	0.0	0.0	0.0	0.4	3.7
NE	0.6	0.7	0.0	0.0	0.0	0.0	1.3	3.3
ENE	0.7	2.1	0.0	0.0	0.0	0.0	2.8	4.1
E	0.4	0.7	0.0	0.0	0.0	0.0	1.1	4.0
ESE	0.1	0.8	0.1	0.0	0.0	0.0	1.1	4.6
SE	0.4	0.6	0.1	0.3	0.0	0.0	1.4	6.0
SSE	0.4	0.8	0.7	0.0	0.0	0.0	2.0	5.3
S	0.7	1.5	1.7	0.7	0.1	0.0	4.8	7.5
SSW	1.0	2.7	5.9	2.5	0.4	0.0	12.5	9.2
SW	1.4	4.9	3.5	1.3	0.0	0.0	11.1	6.8
WSW	1.4	6.5	9.7	2.0	0.1	0.0	19.7	7.9
W	1.5	4.1	9.3	2.3	0.6	0.0	17.7	8.7
WNW	0.8	5.9	4.1	2.3	0.6	0.1	13.8	8.5
NW	1.1	1.0	2.0	0.3	0.3	0.0	4.6	7.5
NNW	1.1	0.7	0.8	0.6	0.0	0.0	3.2	6.4
TOTAL	12.5	34.2	38.3	12.1	2.1	0.1	99.4	7.6

10-m RBOSP WIND ROSE DATA FOR SUMMER SITE: 1

DIR.	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG. WIND SPEED (MPH)
N	0.6	0.7	0.7	0.0	0.0	0.0	2.0	5.6
NNE	0.4	0.8	0.6	0.4	0.0	0.0	2.2	7.7
NE	0.7	1.4	0.9	0.3	0.0	0.0	3.3	6.2
ENE	0.6	2.3	0.8	0.0	0.0	0.0	3.8	5.1
E	0.5	1.5	0.2	0.0	0.0	0.0	2.2	4.5
ESE	0.4	1.3	0.2	0.0	0.0	0.0	1.9	4.3
SE	0.6	0.6	0.2	0.1	0.0	0.0	1.4	4.7
SSE	0.7	1.4	0.5	0.0	0.0	0.0	2.6	4.9
S	0.9	1.7	1.3	0.8	0.1	0.0	4.8	7.4
SSW	1.2	2.7	4.7	3.2	0.6	0.0	12.3	9.6
SW	1.1	5.2	3.3	0.7	0.0	0.0	10.3	6.6
WSW	1.0	6.4	8.0	1.9	0.1	0.0	17.4	7.9
W	1.4	3.2	7.3	2.2	0.3	0.0	14.3	8.6
WNW	0.9	5.0	3.2	2.0	0.9	0.0	12.0	8.7
NW	1.3	1.6	1.8	0.5	0.2	0.1	5.6	7.5
NNW	0.9	1.3	1.1	0.4	0.0	0.0	3.7	6.4
TOTAL	13.2	36.9	34.8	12.4	2.2	0.1	99.8	7.6

30-m RBOSP WIND ROSE DATA FOR 6/75 SITE: 1

DIR.	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG. WIND SPEED (MPH)
N	0.6	0.8	0.1	0.3	0.0	0.0	1.8	5.8
NNE	0.7	1.3	0.6	0.8	0.0	0.0	3.4	7.9
NE	1.1	0.8	0.6	0.4	0.0	0.0	3.0	6.3
ENE	0.6	1.7	0.6	0.1	0.0	0.0	3.0	5.6
E	0.1	1.3	0.1	0.0	0.0	0.0	1.6	4.4
ESE	0.1	0.7	0.1	0.0	0.0	0.0	1.0	4.8
SE	0.0	0.6	0.3	0.0	0.0	0.0	0.8	6.3
SSE	0.3	1.4	0.7	0.1	0.1	0.0	2.7	7.1
S	0.7	2.5	0.8	1.4	1.3	0.7	7.5	11.8
SSW	0.4	3.5	2.1	4.8	4.4	0.4	15.7	13.4
SW	0.7	2.7	6.5	0.8	0.0	0.0	10.7	7.9
WSW	0.1	2.4	6.9	6.9	0.1	0.1	16.7	11.2
W	0.4	0.8	4.7	5.1	1.3	0.1	12.4	12.6
WNW	0.6	1.1	2.3	3.3	2.5	1.0	10.7	14.6
NW	0.6	1.7	1.6	0.4	0.3	0.0	4.5	8.3
NNW	0.7	2.1	1.0	0.1	0.0	0.0	4.0	5.8
TOTAL	7.8	25.6	29.0	24.8	10.0	2.4	99.6	10.5

30-m RBOSP WIND ROSE DATA FOR 7/75 SITE: 1

DIR.	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG. WIND SPEED (MPH)
N	1.1	1.8	1.6	0.3	0.0	0.0	4.8	6.1
NNE	1.2	2.2	2.0	0.5	0.1	0.0	6.1	7.3
NE	0.7	3.1	2.0	0.7	0.1	0.0	6.7	6.9
ENE	0.8	2.7	1.1	0.1	0.0	0.0	4.8	5.4
E	0.5	2.2	0.5	0.1	0.0	0.0	3.4	5.2
ESE	0.5	1.0	0.5	0.0	0.0	0.0	2.0	5.6
SE	0.4	1.4	0.4	0.0	0.0	0.0	2.2	4.8
SSE	0.8	1.4	1.0	0.0	0.0	0.0	3.1	5.0
S	0.7	1.9	1.6	1.2	0.7	0.0	6.1	9.0
SSW	1.2	3.8	4.2	2.2	0.0	0.0	11.5	8.3
SW	0.5	5.3	6.1	0.7	0.0	0.0	12.7	7.4
WSW	0.7	2.0	3.8	1.5	0.1	0.0	8.2	9.0
W	0.5	1.8	2.7	1.4	0.0	0.0	6.4	8.5
WNW	2.0	2.0	1.6	0.8	0.1	0.1	6.8	7.1
NW	1.8	4.9	2.5	0.8	0.3	0.0	10.2	6.6
NNW	0.8	1.9	1.2	0.4	0.0	0.0	4.4	6.2
TOTAL	14.5	39.5	33.2	10.8	1.5	0.1	99.6	7.2

30-m RBOSP WIND ROSE DATA FOR 8/75 SITE: 1

DIR.	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG. WIND SPEED (MPH)
N	1.2	0.7	0.1	0.1	0.0	0.0	2.2	4.3
NNE	1.2	0.5	0.0	0.0	0.0	0.0	1.8	2.7
NE	0.5	1.6	0.1	0.0	0.0	0.0	2.3	4.0
ENE	0.3	1.8	0.1	0.0	0.0	0.0	2.2	4.5
E	0.1	0.3	0.4	0.0	0.0	0.0	0.8	5.6
ESE	0.1	0.5	0.3	0.1	0.0	0.0	1.1	6.9
SE	0.3	0.7	0.4	0.1	0.0	0.0	1.5	6.6
SSE	0.3	0.5	0.5	0.3	0.1	0.0	1.8	8.7
S	0.8	2.0	2.2	2.2	0.4	0.0	7.6	9.3
SSW	0.7	2.3	5.3	5.9	0.8	0.1	15.1	11.0
SW	0.7	4.8	9.4	1.2	0.0	0.0	16.1	8.2
WSW	1.6	1.6	6.0	4.6	0.1	0.1	14.1	9.9
W	1.0	1.0	6.3	2.3	1.4	0.3	12.1	11.5
WNW	1.2	1.9	2.3	2.4	0.7	0.1	8.7	9.6
NW	2.3	3.1	2.0	0.7	0.3	0.0	8.4	6.5
NNW	0.5	1.9	0.8	0.4	0.0	0.0	3.7	6.3
TOTAL	12.9	25.3	36.3	20.4	5.8	0.7	99.5	8.8

30-m RBOSP WIND ROSE DATA FOR SUMMER SITE: 1

DIR.	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG. WIND SPEED (MPH)
N	1.0	1.1	0.6	0.2	0.0	0.0	2.9	5.6
NNE	1.1	1.3	0.9	0.5	0.0	0.0	3.8	6.7
NE	0.8	1.9	0.9	0.4	0.0	0.0	4.0	6.2
ENE	0.6	2.1	0.6	0.1	0.0	0.0	3.3	5.2
E	0.3	1.2	0.4	0.0	0.0	0.0	1.9	5.0
ESE	0.3	0.7	0.3	0.0	0.0	0.0	1.4	5.8
SE	0.2	0.9	0.4	0.0	0.0	0.0	1.5	5.7
SSE	0.5	1.1	0.7	0.1	0.1	0.0	2.5	6.6
S	0.7	2.2	1.6	1.6	0.8	0.2	7.1	10.1
SSW	0.8	3.2	3.9	4.3	1.7	0.2	14.1	11.1
SW	0.6	4.3	7.4	0.9	0.0	0.0	13.2	7.9
WSW	0.8	2.0	5.6	4.3	0.1	0.1	13.0	10.2
W	0.6	1.2	4.6	2.9	0.9	0.1	10.3	11.3
WNW	1.3	1.7	2.1	2.2	1.1	0.4	8.7	11.0
NW	1.6	3.3	2.0	0.6	0.3	0.0	7.8	6.9
NNW	0.7	2.0	1.0	0.3	0.0	0.0	4.0	6.1
TOTAL	11.3	30.2	32.9	18.6	5.1	1.1	99.5	8.8

60-m RBOSP WIND ROSE DATA FOR 6/75 SITE: 1

DIR.	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG. WIND SPEED (MPH)
N	0.1	1.0	0.4	0.1	0.0	0.0	1.7	7.2
NNE	0.3	1.1	0.6	0.9	0.1	0.0	3.0	9.3
NE	1.0	1.7	0.6	0.7	0.0	0.0	4.0	6.5
ENE	0.7	1.1	0.9	0.3	0.0	0.0	3.0	6.5
E	0.4	1.4	0.1	0.0	0.0	0.0	2.0	4.2
ESE	0.6	0.9	0.3	0.0	0.0	0.0	1.7	4.1
SE	0.0	0.7	0.3	0.0	0.0	0.0	1.0	5.9
SSE	0.3	2.4	1.0	0.0	0.0	0.0	3.7	5.1
S	0.6	2.8	0.9	1.0	0.4	0.1	5.8	9.1
SSW	0.4	2.1	2.0	2.1	2.7	3.3	12.7	16.0
SW	0.3	2.3	2.7	6.8	3.6	0.4	16.1	13.9
WSW	0.3	1.1	4.8	5.4	0.9	0.3	12.8	12.2
W	0.1	1.0	3.8	5.8	1.8	0.3	12.9	13.8
WNW	0.4	0.6	1.7	3.8	2.8	1.8	11.2	16.8
NW	0.4	1.0	1.0	1.6	0.6	0.3	4.8	11.8
NNW	0.1	1.1	1.8	0.1	0.0	0.0	3.3	8.0
TOTAL	6.1	22.5	22.9	28.7	12.9	6.5	99.7	12.1

60-m RBOSP WIND ROSE DATA FOR 7/75 SITE: 1

DIR.	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG. WIND SPEED (MPH)
N	1.1	1.8	2.5	0.3	0.1	0.0	5.7	7.0
NNE	0.5	2.2	1.6	0.5	0.3	0.0	5.2	7.7
NE	1.5	3.4	2.6	1.5	0.1	0.0	9.2	7.3
ENE	1.0	2.9	2.1	0.1	0.0	0.0	6.0	5.7
E	1.1	1.5	1.2	0.0	0.0	0.0	3.8	5.4
ESE	0.8	1.4	0.8	0.1	0.0	0.0	3.1	5.5
SE	1.1	1.4	0.3	0.0	0.0	0.0	2.7	4.6
SSE	0.4	1.8	0.7	0.0	0.0	0.0	2.9	5.4
S	0.8	2.9	1.8	0.7	0.4	0.0	6.6	7.5
SSW	0.8	3.7	4.2	3.3	0.4	0.0	12.4	9.4
SW	0.7	1.6	5.1	4.8	1.0	0.0	13.1	11.2
WSW	0.8	1.0	2.9	1.4	0.3	0.0	6.3	9.3
W	1.2	0.8	2.5	1.2	0.8	0.0	6.6	9.6
WNW	1.0	0.4	1.9	0.8	0.0	0.3	4.4	9.7
NW	0.4	2.1	1.2	1.1	0.3	0.1	5.2	8.9
NNW	0.5	2.2	2.3	1.0	0.0	0.0	6.0	7.6
TOTAL	13.8	30.9	33.7	16.8	3.7	0.4	99.3	8.2

60-m RBOSP WIND ROSE DATA FOR 8/75 SITE: 1

DIR.	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG. WIND SPEED (MPH)
N	1.0	1.6	0.8	0.1	0.0	0.0	3.5	5.5
NNE	0.5	1.6	0.1	0.0	0.0	0.0	2.3	4.5
NE	1.2	1.0	0.0	0.0	0.0	0.0	2.2	3.4
ENE	1.1	1.4	0.4	0.0	0.0	0.0	2.9	4.3
E	0.4	1.5	0.1	0.0	0.0	0.0	2.0	4.3
ESE	0.4	0.8	0.3	0.0	0.0	0.0	1.5	4.6
SE	0.4	1.1	0.3	0.3	0.0	0.0	2.0	5.9
SSE	0.5	1.4	0.5	0.3	0.1	0.0	2.9	6.3
S	1.2	2.3	1.4	1.0	0.1	0.0	6.0	7.1
SSW	1.1	1.5	3.1	5.0	1.4	0.4	12.5	12.3
SW	0.5	1.6	5.4	10.9	2.6	0.0	21.1	13.1
WSW	0.7	1.0	4.8	3.9	0.5	0.1	11.0	11.4
W	0.7	0.8	3.9	3.5	1.2	0.3	10.5	11.7
WNW	0.5	0.5	3.0	2.6	1.5	0.7	8.8	13.8
NW	0.8	1.6	1.4	1.6	0.1	0.1	5.7	9.2
NNW	0.4	1.5	1.4	0.7	0.0	0.0	3.9	7.4
TOTAL	11.6	21.2	26.9	29.9	7.6	1.6	98.9	10.2

60-m RBOSP WIND ROSE DATA FOR SUMMER SITE: 1

DIR.	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG. WIND SPEED (MPH)
N	0.7	1.5	1.2	0.2	0.0	0.0	3.7	6.5
NNE	0.5	1.7	0.8	0.5	0.1	0.0	3.5	7.4
NE	1.2	2.0	1.1	0.7	0.0	0.0	5.1	6.5
ENE	0.9	1.8	1.1	0.1	0.0	0.0	4.0	5.6
E	0.6	1.5	0.5	0.0	0.0	0.0	2.6	4.8
ESE	0.6	1.0	0.5	0.0	0.0	0.0	2.1	4.9
SE	0.5	1.1	0.3	0.1	0.0	0.0	1.9	5.2
SSE	0.4	1.8	0.7	0.1	0.0	0.0	3.1	5.5
S	0.9	2.7	1.3	0.9	0.3	0.0	6.1	7.9
SSW	0.8	2.4	3.1	3.5	1.5	1.2	12.5	12.5
SW	0.5	1.8	4.4	7.5	2.4	0.1	16.8	12.9
WSW	0.6	1.0	4.1	3.6	0.6	0.1	10.0	11.3
W	0.7	0.9	3.4	3.5	1.3	0.2	10.0	12.1
WNW	0.6	0.5	2.2	2.4	1.4	0.9	8.1	14.4
NW	0.6	1.6	1.2	1.4	0.3	0.2	5.3	9.9
NNW	0.4	1.6	1.8	0.6	0.0	0.0	4.4	7.6
TOTAL	10.6	24.9	27.9	25.1	8.0	2.8	99.3	10.1

10-m ROSP WIND ROSE DATA FOR 6/75 SITE: 2

DIR.	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG. WIND SPEED (MPH)
N	0.4	1.6	0.7	0.1	0.0	0.0	2.9	5.8
NNE	0.1	1.3	0.9	0.3	0.0	0.0	2.6	7.8
NE	0.3	1.4	0.4	0.1	0.0	0.0	2.3	6.2
ENE	0.1	0.9	1.3	0.0	0.0	0.0	2.3	6.6
E	0.3	1.1	0.3	0.0	0.0	0.0	1.7	4.5
ESE	0.3	2.1	0.3	0.0	0.0	0.0	2.7	4.6
SE	0.7	1.1	0.0	0.0	0.0	0.0	1.9	3.6
SSE	0.0	2.0	0.7	0.3	0.0	0.0	3.0	7.1
S	0.9	1.1	0.6	1.7	0.6	0.0	4.9	10.2
SSW	0.6	1.9	0.6	4.9	2.6	0.4	10.9	13.9
SW	1.0	1.9	3.4	5.7	1.9	0.3	14.2	12.5
WSW	0.9	2.7	8.2	3.7	0.4	0.1	16.0	10.3
W	0.7	5.9	4.0	3.1	2.0	0.1	15.9	10.1
WNW	0.9	3.3	2.9	2.9	2.6	0.9	13.3	12.3
NW	0.1	2.3	0.6	0.6	0.1	0.0	5.7	7.7
NNW	0.3	1.0	0.4	0.1	0.0	0.0	1.9	6.3
TOTAL	7.6	31.6	25.2	23.6	10.2	1.9	****	10.2

10-m RBOSP WIND ROSE DATA FOR 7/75 SITE: 2

DIR.	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG. WIND SPEED (MPH)
N	0.8	1.8	1.1	0.1	0.0	0.0	3.8	5.9
NNE	0.3	2.2	1.9	0.3	0.0	0.0	4.6	7.0
NE	0.3	3.5	1.4	0.1	0.0	0.0	5.3	6.4
ENE	0.3	2.0	1.6	0.0	0.0	0.0	4.0	6.2
E	0.5	0.8	1.0	0.0	0.0	0.0	2.3	5.4
ESE	0.5	3.1	0.8	0.0	0.1	0.0	4.6	5.6
SE	0.1	1.5	0.8	0.0	0.0	0.0	2.5	5.6
SSE	0.3	1.4	1.4	0.1	0.0	0.0	3.1	6.7
S	0.4	1.8	1.6	0.8	0.0	0.0	4.6	8.1
SSW	0.4	1.5	4.6	3.1	0.0	0.0	9.7	10.2
SW	1.1	1.9	4.9	3.4	0.1	0.0	11.5	9.6
WSW	0.7	3.8	3.3	1.0	0.3	0.0	9.0	7.6
W	1.0	8.7	3.4	1.0	0.0	0.0	14.1	6.3
WNW	1.4	6.7	1.6	0.7	0.3	0.1	10.8	6.2
NW	1.0	2.9	1.5	0.3	0.0	0.0	5.6	5.7
NNW	0.8	2.3	0.7	0.5	0.0	0.0	4.4	6.1
TOTAL	9.8	46.0	31.7	11.5	0.8	0.1	99.9	7.2

10-m RBOSP WIND ROSE DATA FOR 8/75 SITE: 2

DIR.	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG. WIND SPEED (MPH)
N	0.4	0.3	0.1	0.0	0.0	0.0	0.8	3.3
NNE	0.0	1.1	0.0	0.0	0.0	0.0	1.1	5.0
NE	0.3	0.1	0.1	0.0	0.0	0.0	0.5	3.7
ENE	0.0	1.1	0.1	0.0	0.0	0.0	1.2	5.0
E	0.3	1.2	0.0	0.0	0.0	0.0	1.5	4.2
ESE	0.1	0.5	0.0	0.0	0.0	0.0	0.7	3.7
SE	0.3	1.0	1.0	0.3	0.0	0.1	2.6	8.3
SSE	0.1	0.5	0.3	0.4	0.0	0.0	1.4	8.6
S	0.5	6.1	1.2	0.8	0.3	0.0	9.0	7.5
SSW	0.7	1.4	3.9	6.3	0.5	0.0	12.8	11.3
SW	0.4	0.7	4.8	8.3	4.4	0.0	18.5	14.1
WSW	0.4	2.9	7.1	2.4	0.3	0.0	13.1	9.5
W	0.5	7.3	3.8	1.4	0.3	0.3	13.6	7.7
WNW	0.8	4.9	2.2	1.8	0.8	0.5	11.0	9.4
NW	0.4	0.8	1.6	6.8	0.1	0.0	9.8	10.7
NNW	0.4	1.0	1.0	0.0	0.0	0.0	2.3	6.2
TOTAL	5.7	30.9	27.2	28.4	6.7	1.0	99.9	9.8

10-m RBOSP WIND ROSE DATA FOR SUMMER SITE: 2

DIR.	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG. WIND SPEED (MPH)
N	0.6	1.2	0.6	0.1	0.0	0.0	2.5	5.6
NNE	0.1	1.5	0.9	0.2	0.0	0.0	2.8	7.0
NE	0.3	1.7	0.6	0.1	0.0	0.0	2.7	6.2
ENE	0.1	1.3	1.0	0.0	0.0	0.0	2.5	6.1
E	0.4	1.1	0.4	0.0	0.0	0.0	1.8	4.8
ESE	0.3	1.9	0.4	0.0	0.0	0.0	2.7	5.1
SE	0.4	1.2	0.6	0.1	0.0	0.0	2.3	6.1
SSE	0.1	1.3	0.8	0.3	0.0	0.0	2.5	7.2
S	0.6	3.0	1.2	1.1	0.3	0.0	6.2	8.3
SSW	0.6	1.6	3.1	4.8	1.0	0.1	11.1	11.8
SW	0.8	1.5	4.4	5.8	2.1	0.1	14.7	12.4
WSW	0.6	3.1	6.1	2.4	0.3	0.0	12.6	9.4
W	0.7	7.3	3.7	1.8	0.7	0.1	14.5	8.1
WNW	1.0	5.0	2.2	1.8	1.2	0.5	11.7	9.4
NW	0.5	2.0	1.2	2.6	0.1	0.0	6.4	8.7
NNW	0.5	1.4	0.7	0.2	0.0	0.0	2.9	6.2
TOTAL	7.7	36.2	28.1	21.1	5.8	1.0	99.9	9.0

10-m RBOSP WIND ROSE DATA FOR 6/75 SITE: 3

DIR.	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG. WIND SPEED (MPH)
N	0.0	0.8	0.4	0.0	0.0	0.0	1.3	5.7
NNE	0.1	1.0	0.3	0.0	0.0	0.0	1.4	5.5
NE	0.7	1.8	0.3	0.1	0.0	0.0	2.9	5.1
ENE	0.1	3.8	1.5	0.1	0.0	0.0	5.6	6.1
E	0.8	3.2	0.7	0.1	0.0	0.0	4.9	5.3
ESE	0.4	0.8	0.0	0.0	0.0	0.0	1.3	4.2
SE	0.0	0.6	0.0	0.0	0.0	0.0	0.6	4.5
SSE	0.0	0.4	0.0	0.0	0.0	0.0	0.4	5.0
S	0.3	0.4	0.0	0.1	0.0	0.0	0.8	5.7
SSW	0.0	0.4	1.0	0.8	0.0	0.0	2.2	10.6
SW	0.6	1.1	3.2	3.6	0.6	0.0	9.1	11.1
WSW	1.1	3.9	4.1	2.8	0.8	0.0	12.8	9.1
W	1.8	18.9	10.1	3.5	0.8	0.1	35.3	7.4
WNW	1.1	7.0	7.4	1.5	0.6	0.0	17.7	7.8
NW	0.6	1.1	0.7	0.1	0.0	0.0	2.5	5.7
NNW	0.0	0.4	0.4	0.0	0.0	0.0	0.8	7.5
TOTAL	7.7	45.9	30.2	13.0	2.8	0.1	99.7	7.7

10-m RBOSP WIND ROSE DATA FOR 7/75 SITE: 3

DIR.	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG. WIND SPEED (MPH)
N	0.1	0.5	0.4	0.0	0.0	0.0	1.1	5.7
NNE	0.1	0.9	0.1	0.0	0.0	0.0	1.2	5.0
NE	0.3	3.0	1.4	0.1	0.0	0.0	4.7	6.1
ENE	1.5	4.6	2.6	0.3	0.0	0.0	8.9	6.1
E	0.7	8.9	0.8	0.0	0.0	0.0	10.4	5.1
ESE	0.8	1.2	0.7	0.0	0.0	0.0	2.7	4.7
SE	0.3	0.8	0.4	0.0	0.0	0.0	1.5	5.1
SSE	0.5	0.5	0.1	0.0	0.0	0.0	1.2	3.8
S	0.3	0.7	0.3	0.0	0.0	0.0	1.2	5.4
SSW	0.3	0.8	1.1	0.1	0.0	0.0	2.3	7.2
SW	0.5	2.8	3.0	0.1	0.0	0.0	6.5	7.3
WSW	0.8	3.2	4.1	1.2	0.0	0.0	9.3	7.8
W	1.6	19.1	5.3	0.9	0.0	0.0	26.9	6.1
WNW	1.2	10.8	5.5	0.1	0.1	0.0	17.9	6.4
NW	0.9	1.2	0.7	0.0	0.0	0.0	2.8	5.0
NNW	0.3	0.5	0.4	0.0	0.0	0.0	1.2	5.4
TOTAL	10.3	59.8	26.8	3.0	0.1	0.0	****	6.2

10-m RBOSP WIND ROSE DATA FOR 8/75 SITE: 3

DIR.	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG. WIND SPEED (MPH)
N	0.3	0.1	0.3	0.0	0.0	0.0	0.7	4.3
NNE	0.0	0.3	0.0	0.0	0.0	0.0	0.3	4.6
NE	0.4	0.4	0.0	0.0	0.0	0.0	0.8	3.3
ENE	0.4	2.3	0.3	0.0	0.0	0.0	3.0	4.8
E	1.2	5.0	0.3	0.0	0.0	0.0	6.5	4.4
ESE	0.3	0.7	0.1	0.0	0.0	0.0	1.1	4.9
SE	0.3	0.3	0.3	0.0	0.0	0.0	0.8	4.6
SSE	0.3	0.1	0.5	0.0	0.0	0.0	1.0	6.3
S	0.0	0.3	0.4	0.0	0.0	0.0	0.7	7.2
SSW	0.4	0.7	0.8	0.1	0.0	0.0	2.0	7.0
SW	0.4	1.1	4.9	2.7	0.3	0.0	9.4	10.3
WSW	1.0	5.2	8.2	2.9	0.1	0.0	17.3	9.0
W	1.6	18.0	12.4	1.9	0.4	0.0	34.3	7.0
WNW	0.4	7.1	10.9	1.0	0.3	0.0	19.6	7.9
NW	0.8	0.3	0.5	0.1	0.0	0.0	1.8	5.9
NNW	0.0	0.3	0.4	0.0	0.0	0.0	0.7	6.7
TOTAL	7.8	42.1	40.3	8.7	1.1	0.0	****	7.5

10-m RBOSP WIND ROSE DATA FOR SUMMER SITE: 3

DIR.	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG. WIND SPEED (MPH)
N	0.1	0.5	0.4	0.0	0.0	0.0	1.0	5.4
NNE	0.1	0.7	0.1	0.0	0.0	0.0	1.0	5.2
NE	0.5	1.7	0.5	0.1	0.0	0.0	2.8	5.5
ENE	0.7	3.6	1.5	0.1	0.0	0.0	5.9	5.9
E	0.9	5.8	0.6	0.0	0.0	0.0	7.3	4.9
ESE	0.5	0.9	0.3	0.0	0.0	0.0	1.7	4.6
SE	0.2	0.5	0.2	0.0	0.0	0.0	1.0	4.9
SSE	0.3	0.4	0.2	0.0	0.0	0.0	0.9	4.9
S	0.2	0.5	0.2	0.0	0.0	0.0	0.9	6.0
SSW	0.2	0.6	1.0	0.4	0.0	0.0	2.2	8.3
SW	0.5	1.7	3.7	2.2	0.3	0.0	8.3	9.8
WSW	1.0	4.1	5.4	2.3	0.3	0.0	13.1	8.8
W	1.7	18.7	9.2	2.1	0.4	0.0	32.2	6.9
WNW	0.9	8.3	8.0	0.9	0.3	0.0	18.4	7.4
NW	0.8	0.9	0.6	0.1	0.0	0.0	2.4	5.5
NNW	0.1	0.4	0.4	0.0	0.0	0.0	0.9	6.4
TOTAL	8.6	49.3	32.4	8.2	1.3	0.0	99.9	7.1

10-m RBOSP WIND ROSE DATA FOR 6/75 SITE: 4

DIR.	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG. WIND SPEED (MPH)
N	1.0	1.4	1.3	0.6	0.0	0.0	4.2	6.9
NNE	1.1	4.1	1.1	0.3	0.0	0.0	6.6	5.6
NE	0.7	2.7	0.7	0.0	0.0	0.0	4.1	5.1
ENE	0.4	0.8	0.0	0.0	0.0	0.0	1.3	3.6
E	0.8	0.6	0.0	0.0	0.0	0.0	1.4	3.3
ESE	0.0	0.3	0.1	0.0	0.0	0.0	0.4	4.3
SE	0.6	0.4	0.1	0.0	0.0	0.0	1.1	4.0
SSE	1.0	1.0	0.8	0.4	0.1	0.0	3.4	6.9
S	3.2	4.6	1.3	2.8	1.4	0.0	13.3	8.0
SSW	5.3	17.8	2.7	3.2	3.1	0.0	32.0	7.0
SW	3.4	7.0	1.7	1.3	0.3	0.1	13.7	6.0
WSW	0.1	1.1	3.4	2.4	0.0	0.0	7.0	10.3
W	0.3	1.1	2.0	1.7	0.1	0.0	5.2	10.2
WNW	0.6	1.0	0.7	0.3	0.0	0.0	2.5	6.4
NW	0.1	0.8	0.4	0.1	0.0	0.0	1.5	6.7
NNW	0.3	0.8	0.4	0.1	0.0	0.0	1.7	6.3
TOTAL	18.9	45.5	16.6	13.1	5.0	0.1	99.3	7.0

10-m RBOSP WIND ROSE DATA FOR 7/75 SITE: 4

DIR.	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG. WIND SPEED (MPH)
N	0.4	1.9	0.8	0.0	0.0	0.0	3.1	5.6
NNE	1.2	2.6	3.1	0.7	0.0	0.0	7.6	7.0
NE	1.5	3.6	2.2	0.7	0.0	0.0	8.0	6.1
ENE	1.2	2.8	0.9	0.0	0.0	0.0	5.0	4.8
E	0.8	0.7	0.3	0.0	0.0	0.0	1.8	3.8
ESE	0.5	1.5	0.1	0.0	0.0	0.0	2.2	3.4
SE	0.5	1.2	0.3	0.0	0.0	0.0	2.0	4.9
SSE	0.8	1.8	0.7	0.1	0.0	0.0	3.4	5.6
S	1.1	2.8	1.1	0.4	0.0	0.0	5.4	6.1
SSW	4.5	9.2	2.8	1.1	0.3	0.0	17.8	5.6
SW	6.5	18.1	1.8	1.2	0.0	0.0	27.6	4.4
WSW	3.2	3.1	1.1	0.3	0.1	0.0	7.8	4.8
W	0.0	1.5	0.7	0.0	0.0	0.0	2.2	6.3
WNW	0.3	1.1	0.3	0.1	0.0	0.0	1.8	6.0
NW	0.7	0.8	0.8	0.0	0.0	0.0	2.3	5.0
NNW	0.0	0.5	0.4	0.0	0.0	0.0	0.9	6.7
TOTAL	23.2	53.2	17.3	4.6	0.4	0.0	98.8	5.2

10-m RBOSP WIND ROSE DATA FOR 8/75 SITE: 4

DIR.	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG. WIND SPEED (MPH)
N	0.6	0.7	0.4	0.0	0.0	0.0	1.7	4.9
NNE	0.4	1.5	0.1	0.0	0.0	0.0	2.1	4.1
NE	0.6	3.9	0.3	0.0	0.0	0.0	4.7	4.4
ENE	1.5	1.7	0.0	0.0	0.0	0.0	3.2	3.3
E	0.4	1.0	0.0	0.0	0.0	0.0	1.4	3.6
ESE	0.1	0.8	0.1	0.0	0.0	0.0	1.1	4.8
SE	0.3	0.4	0.1	0.0	0.0	0.1	1.0	8.2
SSE	0.6	0.1	1.1	0.1	0.0	0.0	1.9	7.0
S	0.4	1.1	1.4	0.7	0.0	0.0	3.6	7.1
SSW	2.3	5.1	2.9	2.5	0.3	0.0	13.1	7.4
SW	5.5	22.4	3.7	6.2	0.6	0.0	38.4	6.4
WSW	2.2	8.6	1.7	1.1	0.1	0.0	13.7	5.6
W	0.1	1.1	2.1	0.8	0.0	0.0	4.1	8.9
WNW	0.3	0.4	3.0	0.7	0.0	0.0	4.4	8.9
NW	0.4	1.8	0.8	0.0	0.0	0.0	3.0	5.7
NNW	0.4	1.0	0.3	0.1	0.0	0.0	1.8	4.6
TOTAL	16.2	51.5	18.1	12.3	1.0	0.1	99.2	6.3

10-m RBOSP WIND ROSE DATA FOR SUMMER SITE: 4

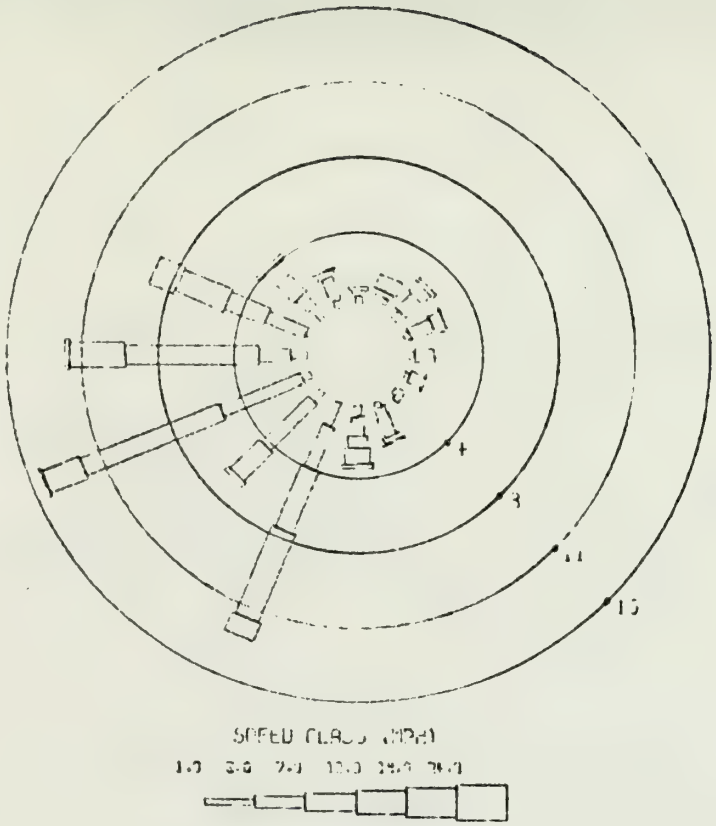
DIR.	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG. WIND SPEED (MPH)
N	0.6	1.3	0.8	0.2	0.0	0.0	3.0	6.1
NNE	0.9	2.7	1.5	0.3	0.0	0.0	5.4	6.1
NE	0.9	3.4	1.1	0.2	0.0	0.0	5.6	5.4
ENE	1.1	1.8	0.3	0.0	0.0	0.0	3.2	4.2
E	0.7	0.7	0.1	0.0	0.0	0.0	1.5	3.6
ESE	0.2	0.9	0.1	0.0	0.0	0.0	1.2	3.9
SE	0.5	0.7	0.2	0.0	0.0	0.0	1.4	5.4
SSE	0.8	1.0	0.9	0.2	0.0	0.0	2.9	6.4
S	1.6	2.8	1.2	1.3	0.5	0.0	7.4	7.4
SSW	4.0	10.6	2.8	2.2	1.2	0.0	20.9	6.7
SW	5.1	15.9	2.4	2.9	0.3	0.0	26.6	5.6
WSW	1.9	4.3	2.0	1.2	0.1	0.0	9.5	6.5
W	0.1	1.2	1.6	0.8	0.0	0.0	3.8	9.0
WNW	0.4	0.8	1.3	0.4	0.0	0.0	2.9	7.6
NW	0.4	1.1	0.7	0.0	0.0	0.0	2.3	5.7
NNW	0.2	0.8	0.4	0.1	0.0	0.0	1.5	5.7
TOTAL	19.5	50.1	17.3	10.0	2.1	0.1	99.1	6.1

SECTION B.4

WIND ROSE PLOTS
SUMMER 1975

Circular divisions represent percent of occurrence of wind speed class.

B.4-1 to B.4-13

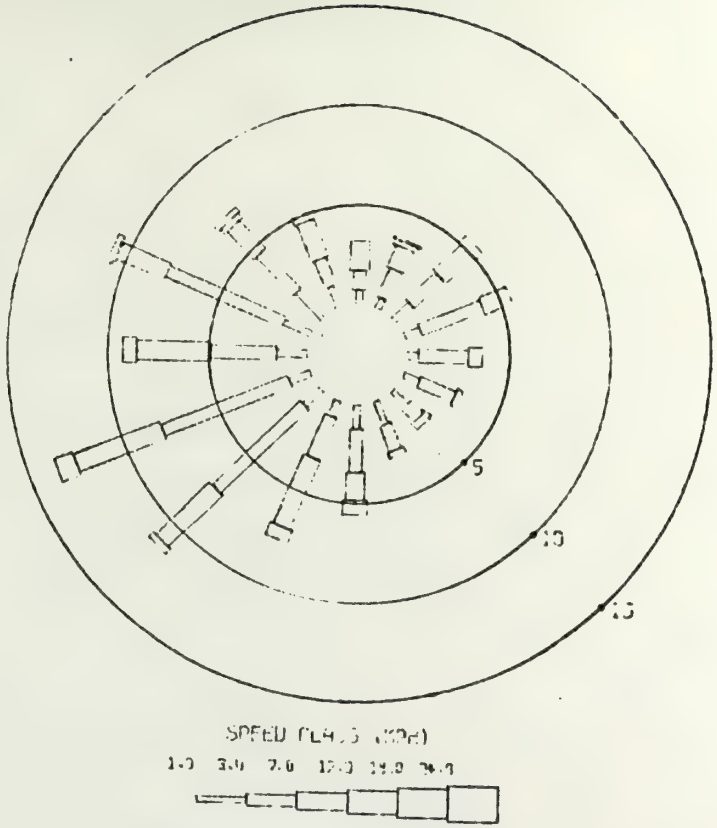


SPEED CLASS (MPH)

1.0 3.0 7.0 12.0 18.0 24.0

DOE/SF SITE 1 WIND ROSE 8/75

10 m

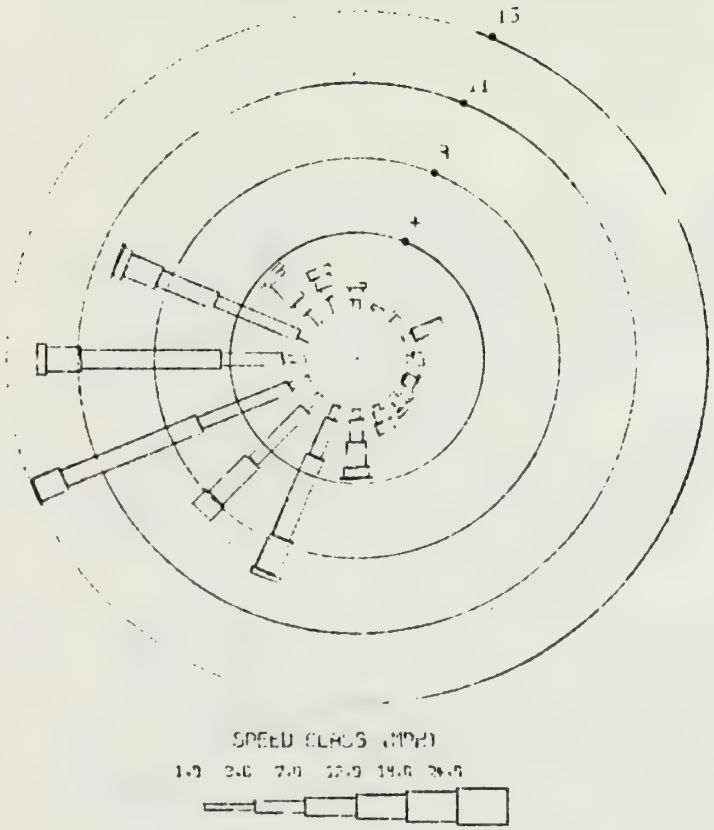


SPEED CLASS (MPH)

1.0 3.0 7.0 12.0 18.0 24.0

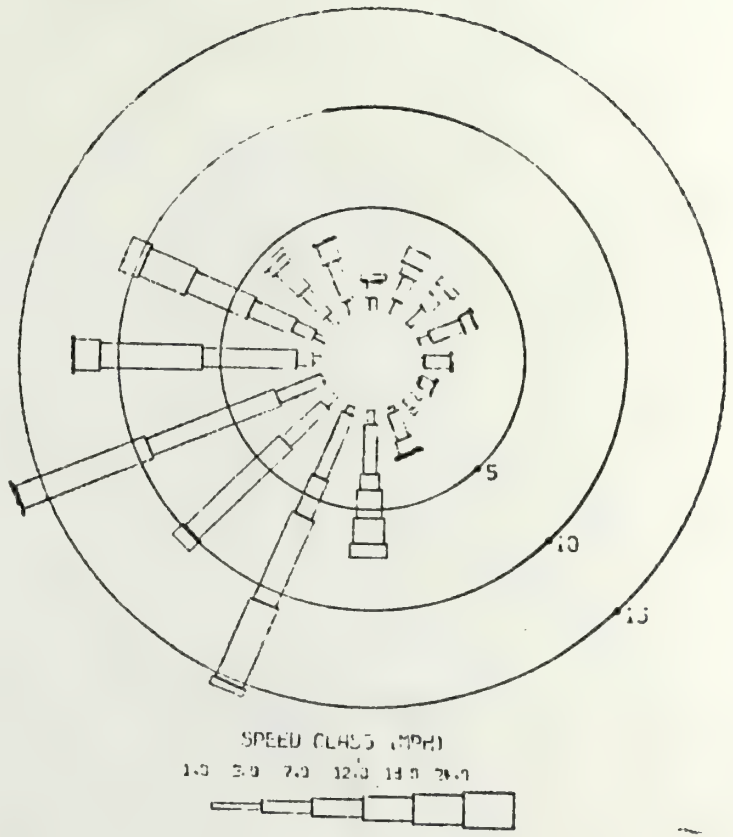
DOE/SF SITE 1 WIND ROSE 7/75

10 m



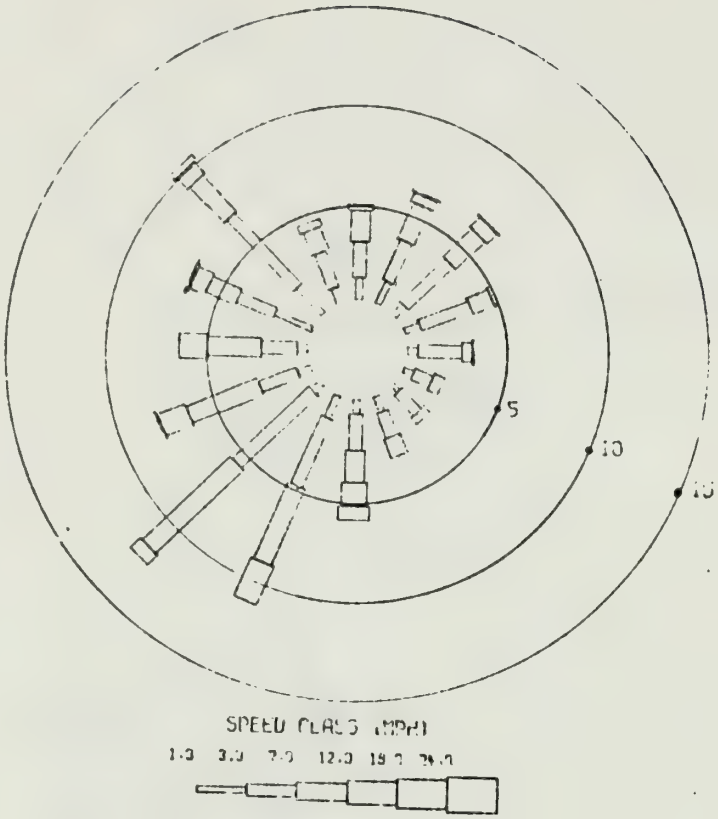
RBOSP SITE 1 WIND ROSE 8/75

10 m



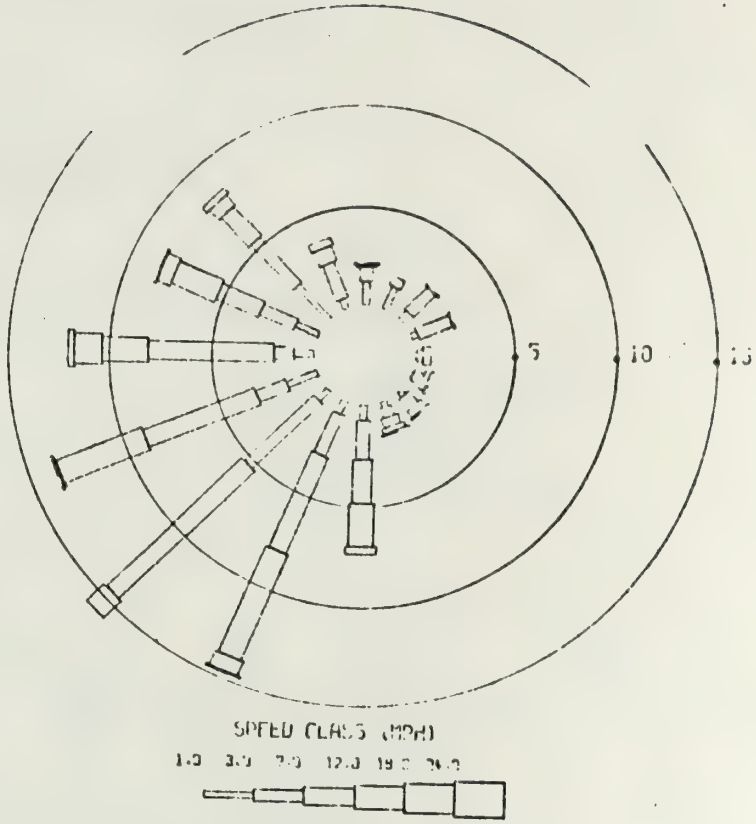
RBOSP SITE 1 WIND ROSE 6/75

30 m



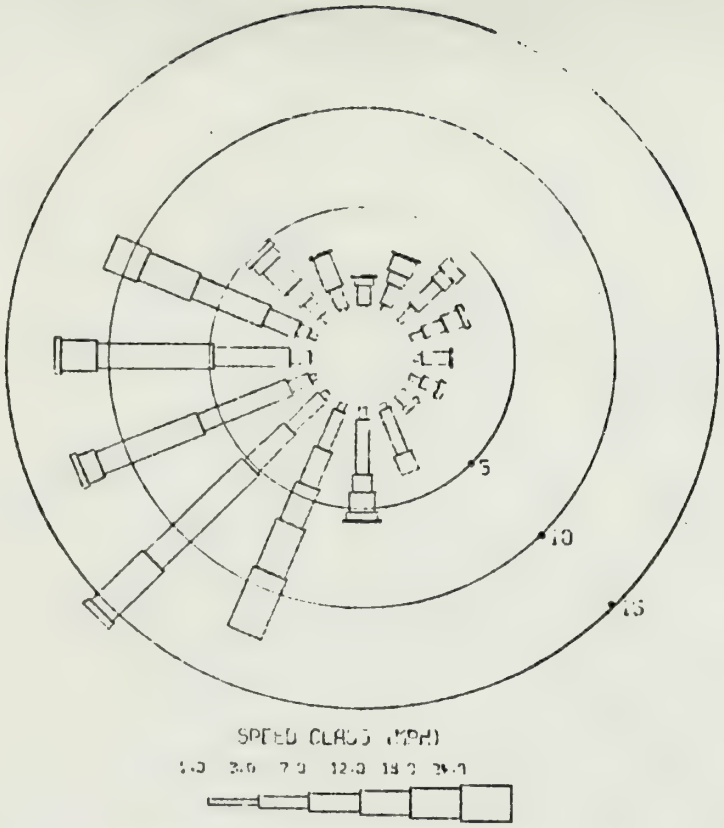
PBGSP SITE 1 WIND ROSE 7/75

30 m



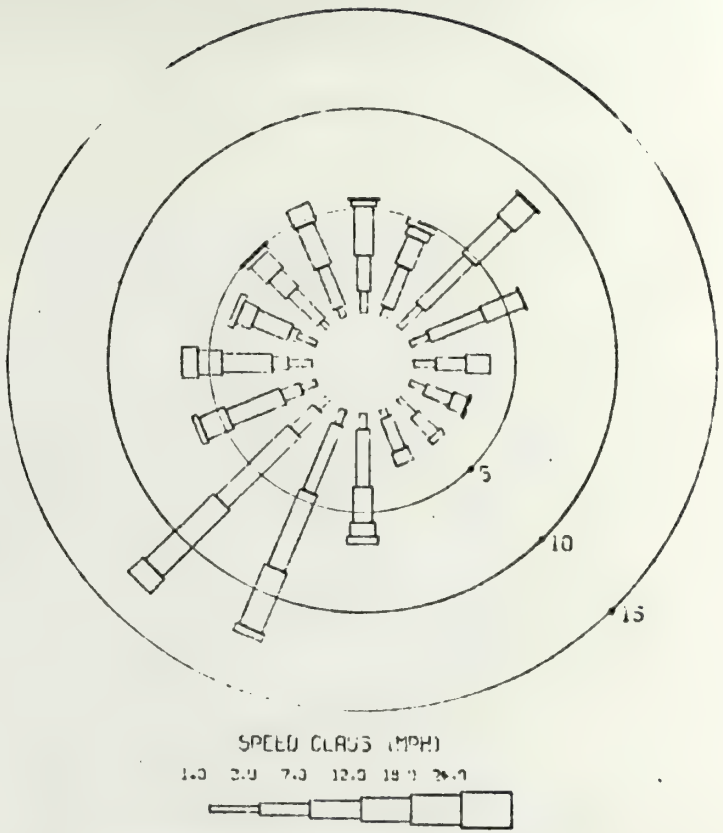
PBGSP SITE 1 WIND ROSE 8/75

30 m



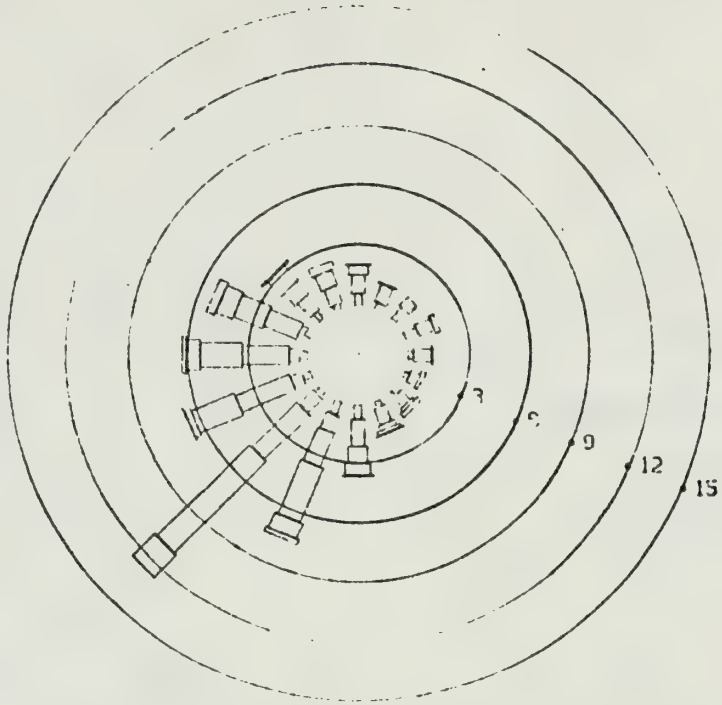
PBGSP SITE 1 WIND ROSE 6/75

60 m



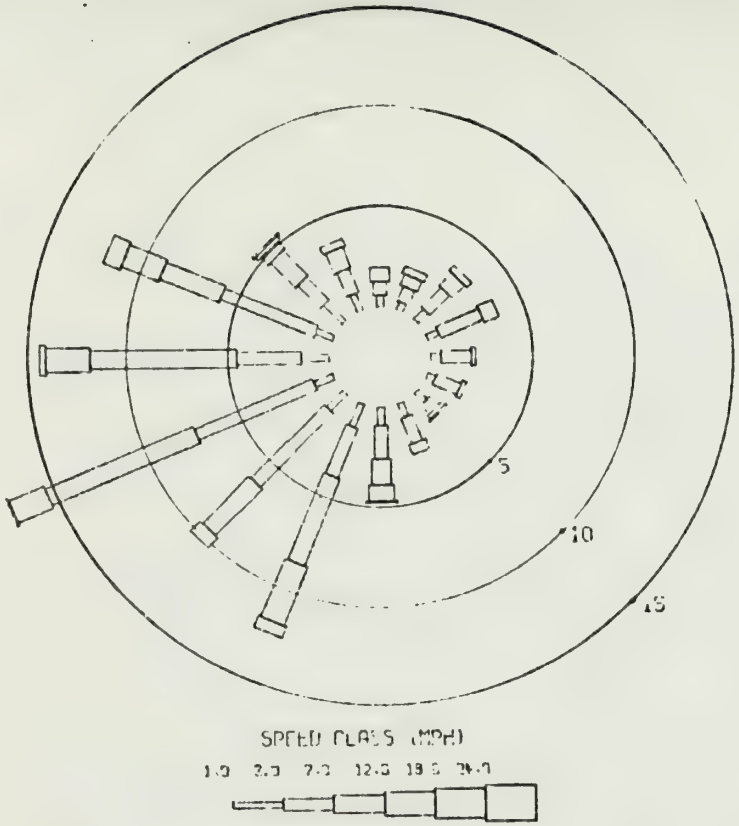
PBGSP SITE 1 WIND ROSE 7/75

60 m



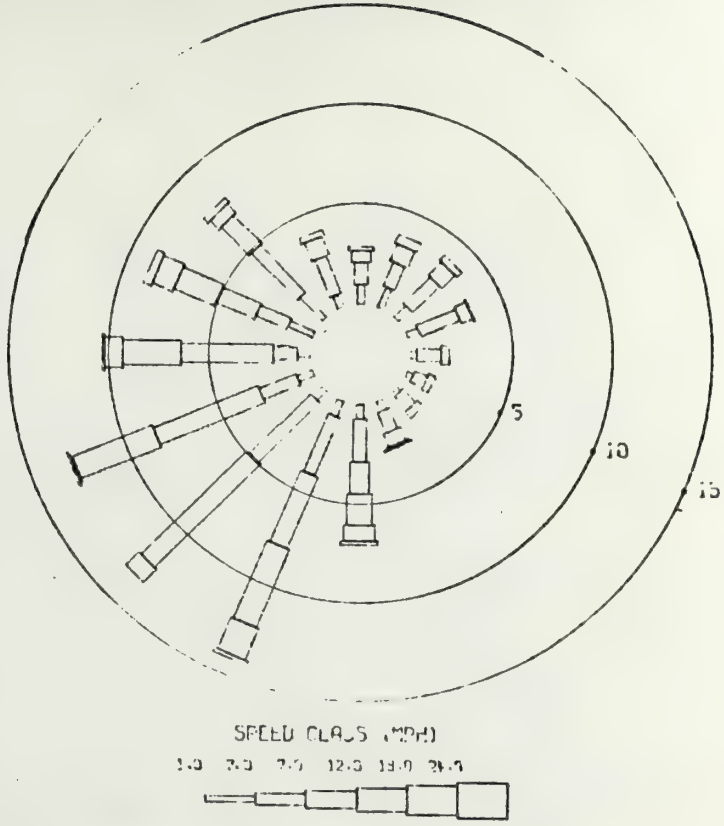
RUGSP SITE 1 WIND ROSE 5/73

60 m



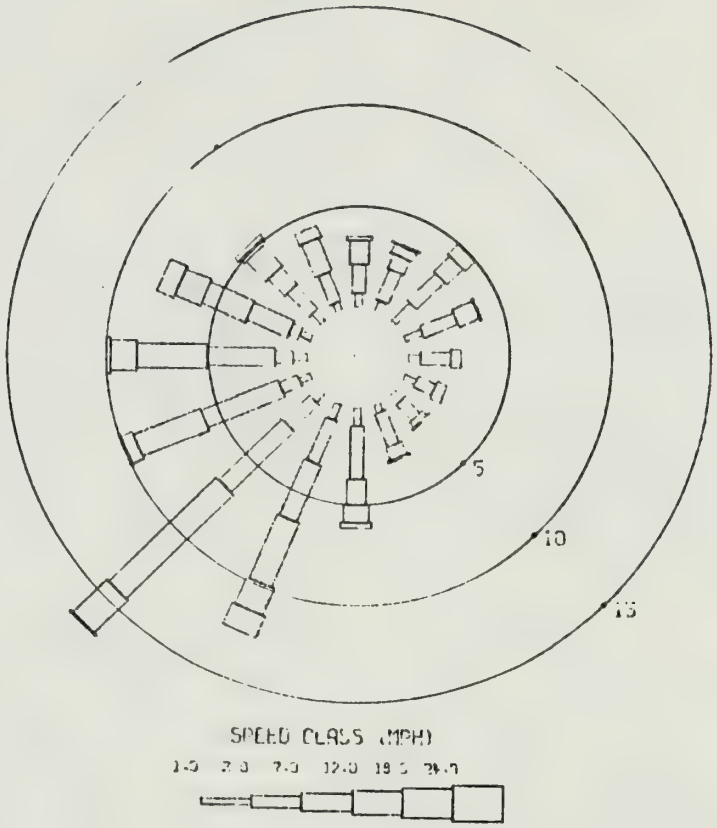
PDGSP SITE 1 WIND ROSE

10 m
Summer



PDGSP SITE 1 WIND ROSE

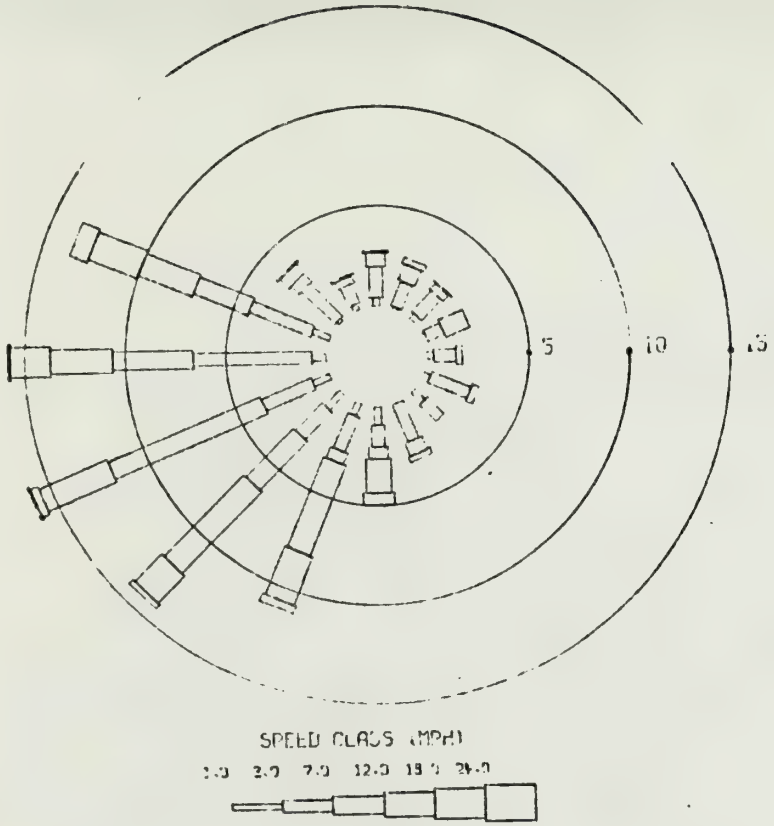
30 m
Summer



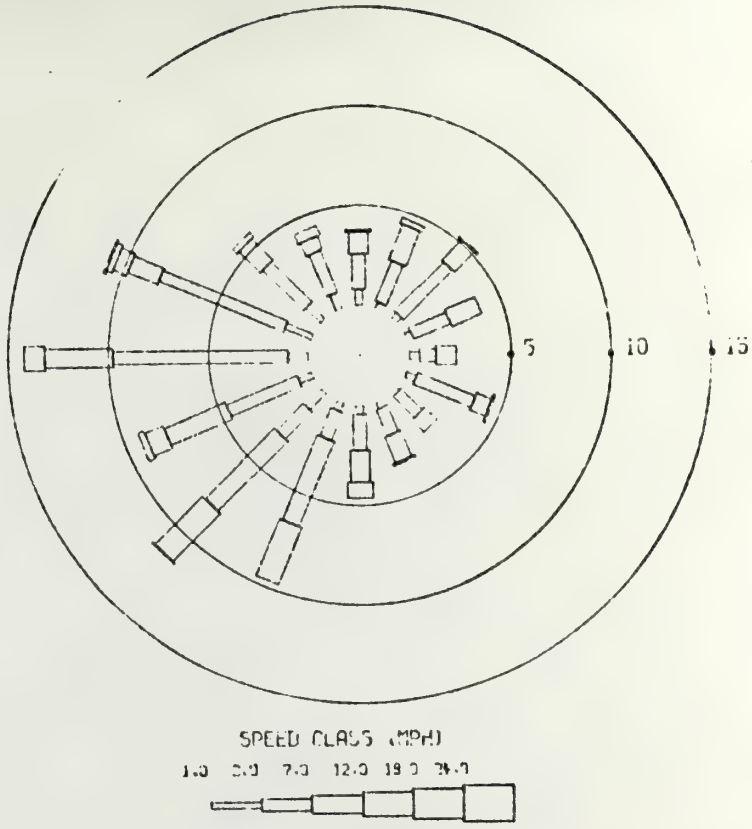
PBGSP SITE 1 WIND ROSE

60 m

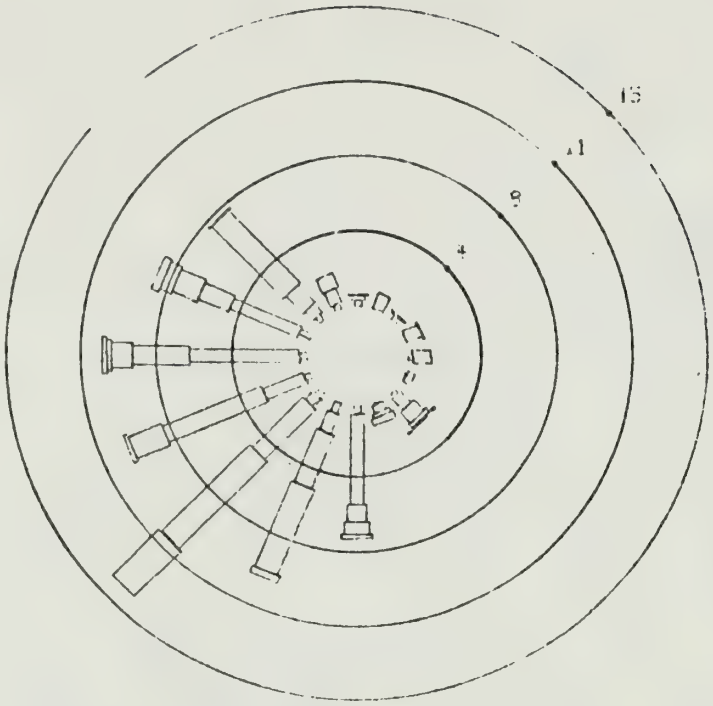
Summer



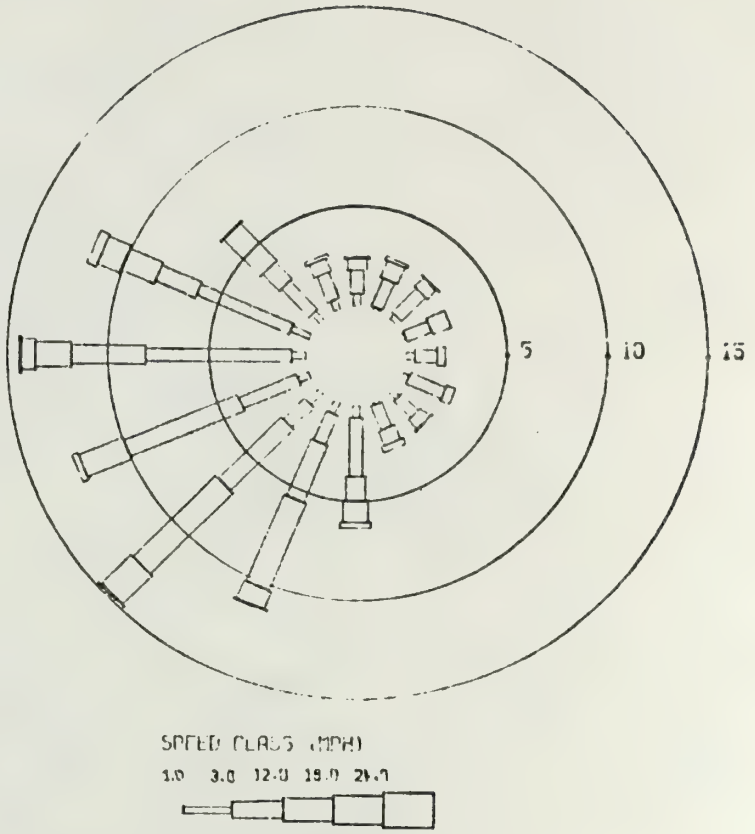
RBGSP SITE 2 WIND ROSE 6/75



RBGSP SITE 2 WIND ROSE 7/75

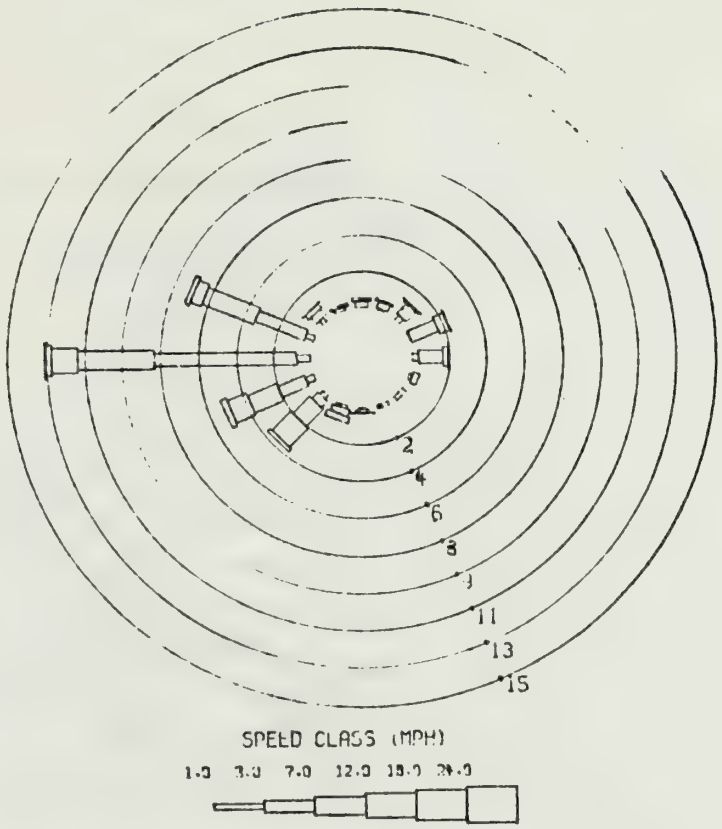


PBGSP SITE 2 WIND ROSE 8/75

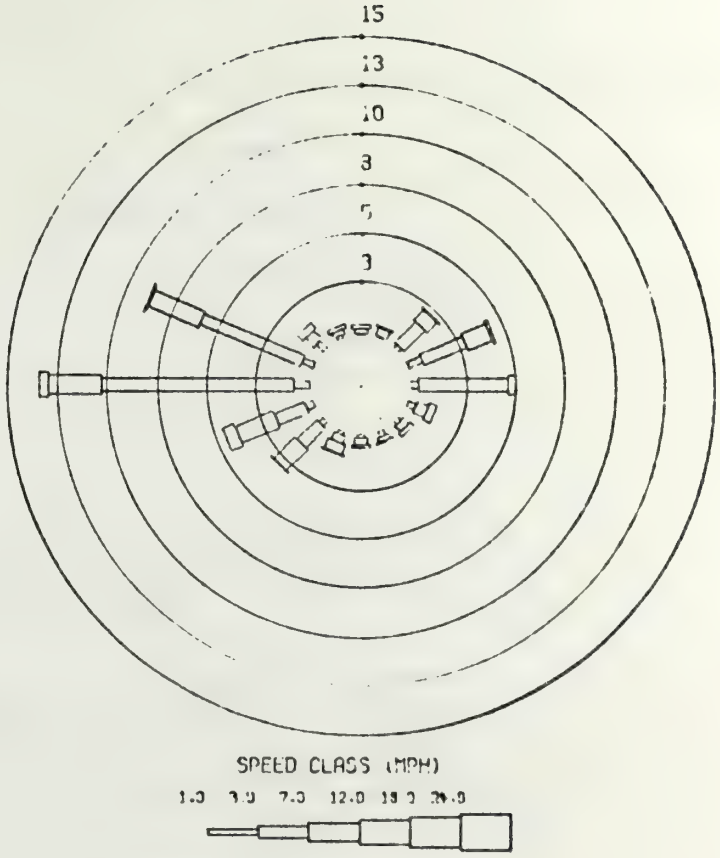


PBGSP SITE 2 WIND ROSE

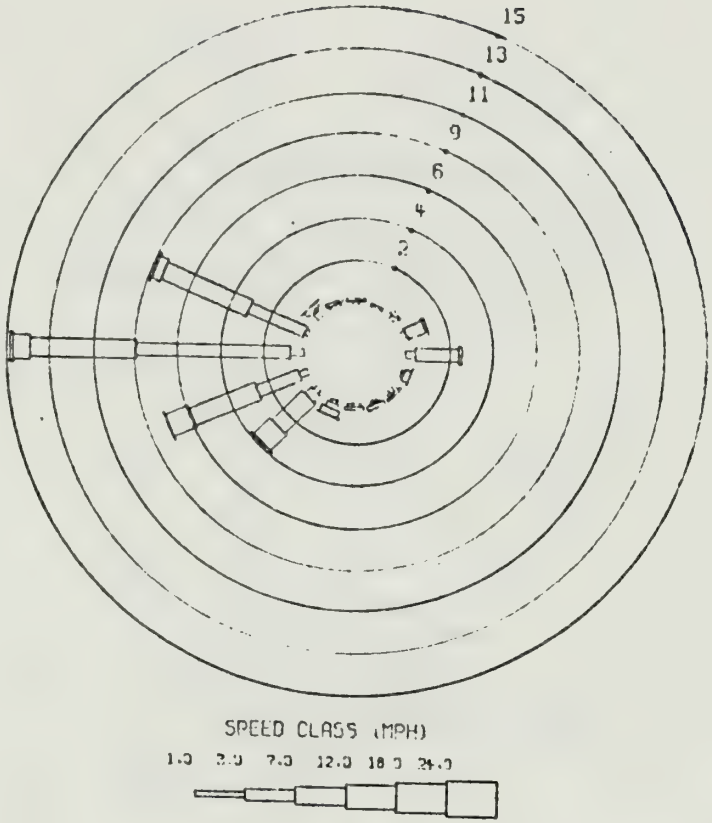
Summer



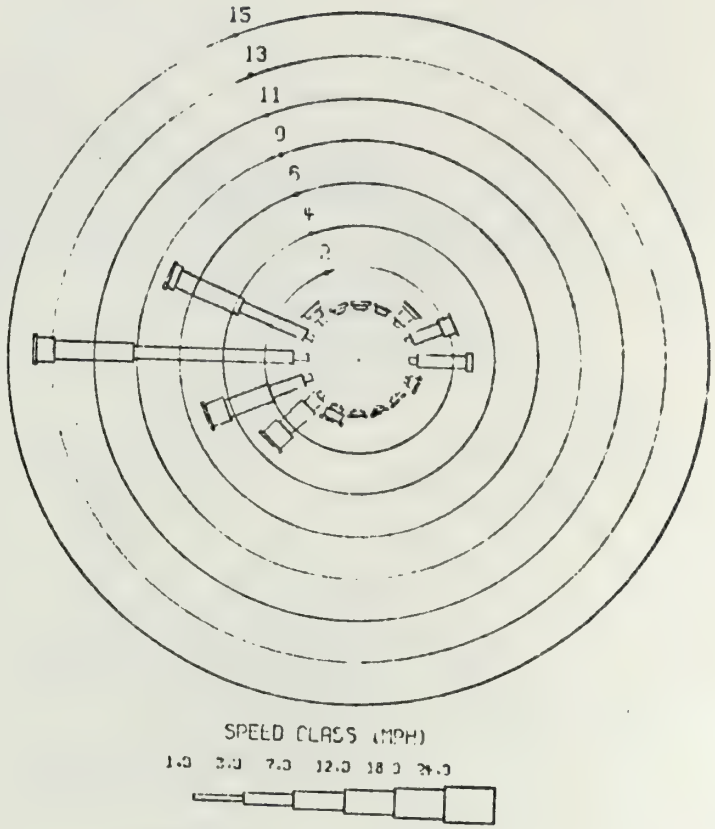
RBOSP SITE 3 WIND ROSE 6/75



RBOSP SITE 3 WIND ROSE 7/75

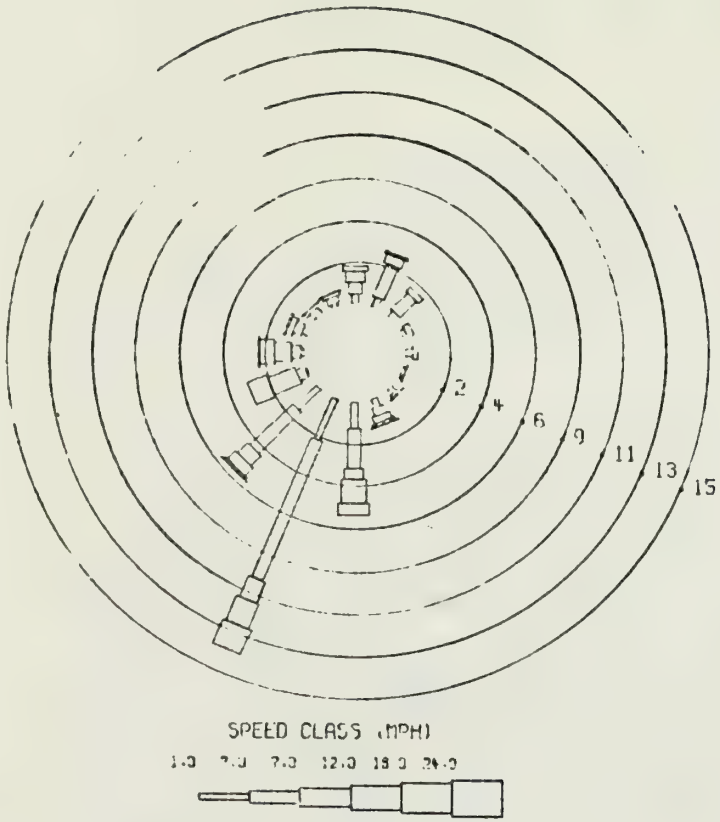


PBGSP SITE 3 WIND ROSE 8/75

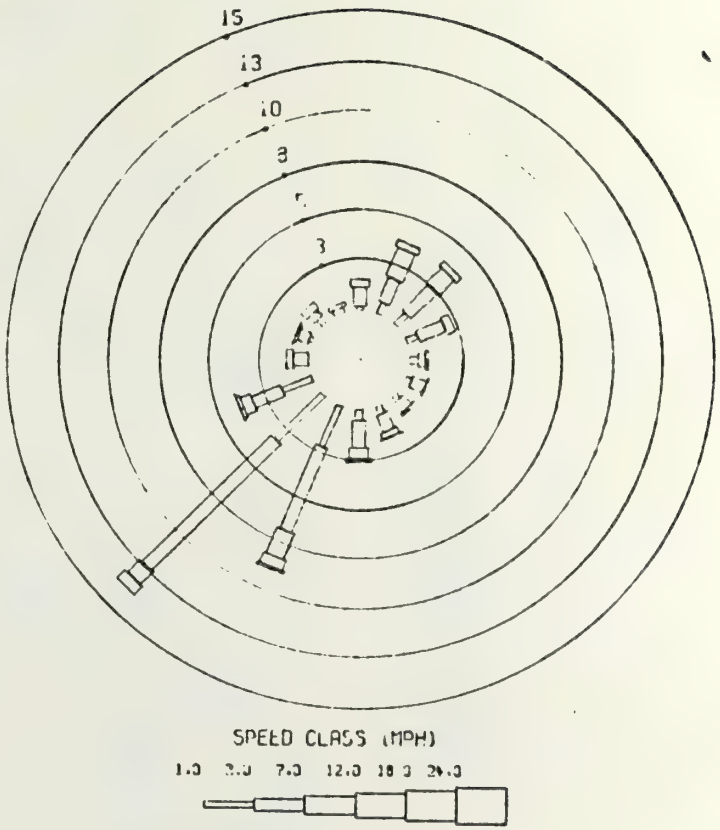


PBGSP SITE 3 WIND ROSE

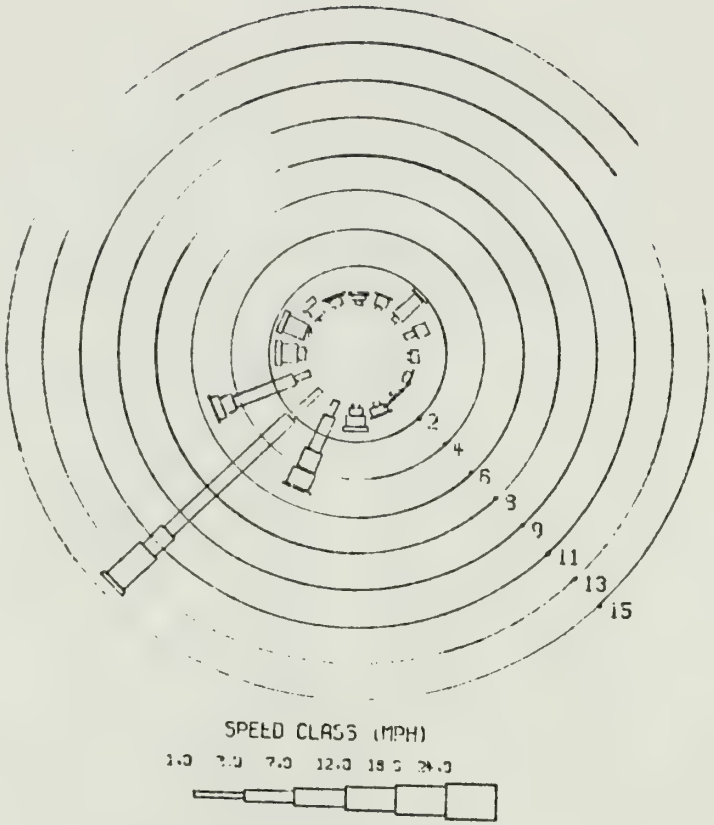
Summer



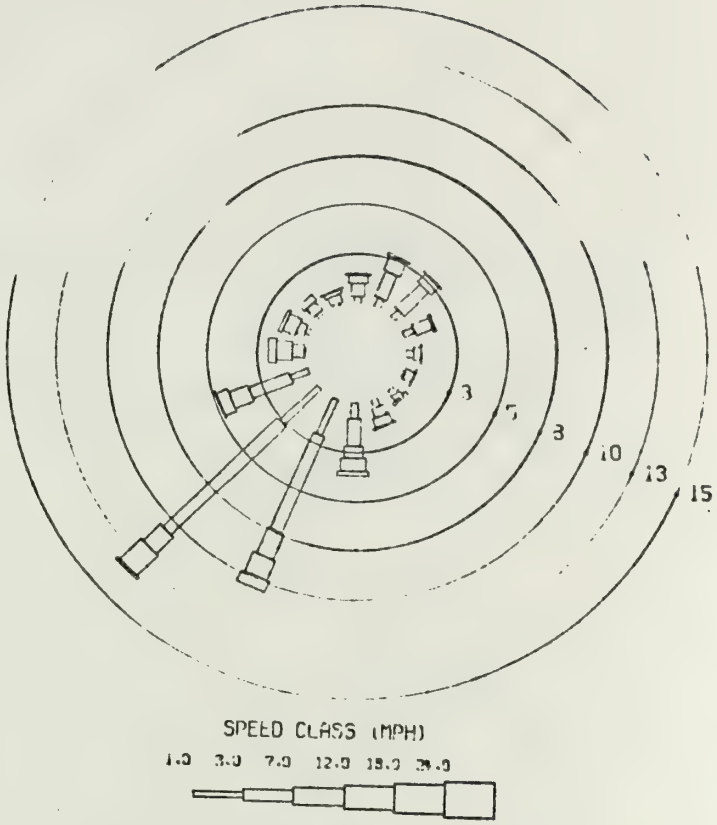
RBOSP SITE 4 WIND ROSE 6/75



RBOSP SITE 4 WIND ROSE 7/75



RBGSP SITE 4 WIND ROSE 8/75



RBGSP SITE 4 WIND ROSE

Summer

SECTION B.5

JOINT FREQUENCY DISTRIBUTION BETWEEN
WIND SPEED, WIND DIRECTION, AND
ATMOSPHERIC STABILITY AT SITE 1

B.5-1 to B.5-7

RBOSP

THE PERCENTAGE OF OCCURRENCE OF WIND SPEED CLASS AND WIND DIRECTION
FOR STABILITY INDEX A

PERIOD OF RECORD-SUMMER

	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG SPD MPH
N	0.00	0.19	0.23	0.00	0.00	0.00	0.47	7.37
NNE	0.00	0.14	0.14	0.00	0.00	0.00	0.28	7.74
NE	0.00	0.28	0.42	0.05	0.00	0.00	0.75	8.40
ENE	0.00	0.28	0.23	0.00	0.00	0.00	0.51	6.57
E	0.00	0.19	0.09	0.00	0.00	0.00	0.28	5.49
ESE	0.00	0.09	0.05	0.00	0.00	0.00	0.14	6.55
SE	0.00	0.00	0.14	0.09	0.00	0.00	0.23	10.39
SSE	0.00	0.00	0.05	0.00	0.00	0.00	0.05	9.39
S	0.00	0.00	0.65	0.51	0.00	0.00	1.17	11.51
SSW	0.00	0.14	1.59	1.49	0.09	0.00	3.31	12.00
SW	0.00	0.28	1.26	0.56	0.00	0.00	2.10	9.95
WSW	0.00	0.28	1.12	0.28	0.09	0.00	1.77	10.08
W	0.00	0.19	2.10	0.65	0.14	0.00	3.08	10.67
WNW	0.00	0.28	1.31	0.51	0.19	0.00	2.29	11.00
NW	0.00	0.19	0.84	0.05	0.00	0.00	1.07	8.51
NNW	0.00	0.19	0.56	0.14	0.00	0.00	0.89	9.53
TOTAL	0.00	2.71	10.82	4.34	0.51	0.00	18.38	10.26
AVG SPD	0.00	5.86	9.32	14.13	20.39	0.00	10.26	10.26

NUMBER OF CALM HOURS - 0
NUMBER OF MISSING HOURS - 64
NUMBER OF HOURS OF DATA - 2144

RBOSP

THE PERCENTAGE OF OCCURRENCE OF WIND SPEED CLASS AND WIND DIRECTION
FOR STABILITY INDEX B

PERIOD OF RECORD-SUMMER

	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG SPD MPH
N	0.00	0.09	0.09	0.00	0.00	0.00	0.19	7.07
NNE	0.00	0.14	0.09	0.14	0.00	0.00	0.37	9.26
NE	0.00	0.09	0.09	0.00	0.00	0.00	0.19	7.27
ENE	0.00	0.42	0.23	0.05	0.00	0.00	0.70	6.73
E	0.00	0.37	0.05	0.00	0.00	0.00	0.42	5.47
ESE	0.00	0.09	0.05	0.00	0.00	0.00	0.14	6.13
SE	0.00	0.09	0.00	0.00	0.00	0.00	0.09	4.27
SSE	0.00	0.09	0.19	0.00	0.00	0.00	0.28	7.09
S	0.00	0.14	0.28	0.09	0.00	0.00	0.51	7.56
SSW	0.00	0.14	0.61	0.37	0.05	0.00	1.17	11.40
SW	0.00	0.23	0.23	0.00	0.00	0.00	0.47	7.37
WSW	0.00	0.14	0.47	0.09	0.00	0.00	0.70	8.68
W	0.00	0.14	0.37	0.28	0.00	0.00	0.79	10.63
WNW	0.00	0.05	0.14	0.23	0.05	0.00	0.47	13.42
NW	0.00	0.00	0.09	0.09	0.00	0.00	0.19	11.93
NNW	0.05	0.00	0.00	0.00	0.00	0.00	0.05	2.36
TOTAL	0.05	2.24	2.99	1.35	0.09	0.00	6.72	8.98
AVG SPD	2.86	5.41	9.04	14.33	18.57	0.00	8.98	8.98

NUMBER OF CALM HOURS - 0
NUMBER OF MISSING HOURS - 64
NUMBER OF HOURS OF DATA - 2144

RHOSP

THE PERCENTAGE OF OCCURRENCE OF WIND SPEED CLASS AND WIND DIRECTION
FOR STABILITY INDEX C

PERIOD OF RECORD-SUMMER

	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG SPD MPH
N	0.05	0.14	0.19	0.00	0.00	0.00	0.37	6.73
NNE	0.05	0.14	0.09	0.05	0.00	0.00	0.33	6.91
NE	0.00	0.23	0.05	0.05	0.00	0.00	0.33	6.94
ENE	0.00	0.42	0.05	0.00	0.00	0.00	0.47	5.12
E	0.00	0.23	0.00	0.00	0.00	0.00	0.23	4.82
ESE	0.00	0.23	0.05	0.00	0.00	0.00	0.28	5.23
SE	0.09	0.09	0.00	0.00	0.00	0.00	0.19	3.93
SSE	0.09	0.33	0.05	0.00	0.00	0.00	0.47	4.03
S	0.00	0.14	0.09	0.05	0.00	0.00	0.28	8.21
SSW	0.00	0.09	0.19	0.28	0.05	0.00	0.61	11.91
SW	0.00	0.09	0.19	0.05	0.00	0.00	0.33	8.87
WSW	0.00	0.09	0.42	0.14	0.00	0.00	0.65	10.39
W	0.00	0.23	0.42	0.05	0.05	0.00	0.75	9.08
WNW	0.00	0.14	0.09	0.09	0.05	0.00	0.37	10.41
NW	0.05	0.05	0.09	0.09	0.05	0.00	0.33	10.93
NNW	0.00	0.00	0.14	0.00	0.00	0.00	0.14	8.14
TOTAL	0.33	2.66	2.10	0.84	0.19	0.00	6.11	8.05
AVG SPD	2.42	4.82	9.47	14.44	19.35	0.00	8.05	8.05

NUMBER OF CALM HOURS - 0
NUMBER OF MISSING HOURS - 64
NUMBER OF HOURS OF DATA - 2144

RUOSP

THE PERCENTAGE OF OCCURRENCE OF WIND SPEED CLASS AND WIND DIRECTION
FOR STABILITY INDEX D

PERIOD OF RECORD-SUMMER

	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG SPD MPH
N	0.09	0.05	0.05	0.00	0.00	0.00	0.19	4.79
NNE	0.14	0.14	0.09	0.19	0.05	0.00	0.61	9.34
NE	0.47	0.51	0.37	0.19	0.00	0.00	1.54	6.09
ENE	0.28	0.84	0.14	0.00	0.00	0.00	1.26	4.19
E	0.14	0.51	0.05	0.00	0.00	0.00	0.70	4.31
ESE	0.28	0.51	0.00	0.00	0.00	0.00	0.79	3.62
SE	0.14	0.28	0.00	0.00	0.00	0.00	0.42	3.92
SSE	0.33	0.51	0.19	0.05	0.00	0.00	1.07	5.16
S	0.28	0.56	0.09	0.19	0.14	0.00	1.26	7.99
SSW	0.23	0.51	1.21	0.65	0.28	0.00	2.89	10.17
SW	0.14	0.70	0.56	0.00	0.00	0.00	1.40	6.30
WSW	0.05	0.70	0.47	0.19	0.00	0.00	1.40	7.56
W	0.14	0.23	0.70	0.47	0.05	0.00	1.59	9.93
WNW	0.00	0.47	0.28	0.37	0.37	0.00	1.49	12.26
NW	0.14	0.05	0.28	0.14	0.14	0.09	0.84	12.36
NNW	0.14	0.33	0.14	0.14	0.00	0.00	0.75	6.76
TOTAL	2.99	6.90	4.62	2.57	1.03	0.09	18.19	7.84
AVG SPD	2.23	4.74	9.54	14.26	19.86	24.99	7.84	7.84

NUMBER OF CALM HOURS - 0
NUMBER OF MISSING HOURS - 64
NUMBER OF HOURS OF DATA - 2144

RBOSP

THE PERCENTAGE OF OCCURRENCE OF WIND SPEED CLASS AND WIND DIRECTION
FOR STABILITY INDEX E

PERIOD OF RECORD-SUMMER

	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG SPD MPH
N	0.37	0.09	0.00	0.00	0.00	0.00	0.47	2.46
NNE	0.19	0.23	0.09	0.05	0.00	0.00	0.56	5.36
NE	0.28	0.19	0.00	0.00	0.00	0.00	0.51	2.59
ENE	0.33	0.23	0.14	0.00	0.00	0.00	0.70	4.17
E	0.23	0.14	0.00	0.00	0.00	0.00	0.37	2.93
ESE	0.14	0.33	0.05	0.00	0.00	0.00	0.51	3.98
SE	0.23	0.09	0.05	0.00	0.00	0.00	0.42	3.06
SSE	0.23	0.47	0.00	0.00	0.00	0.00	0.70	3.93
S	0.47	0.65	0.19	0.00	0.00	0.00	1.35	4.00
SSW	0.75	1.54	0.93	0.33	0.05	0.00	3.59	6.45
SW	0.89	3.54	0.84	0.05	0.00	0.00	5.32	5.12
WSW	0.79	3.64	1.73	0.33	0.00	0.00	6.53	6.19
W	1.12	1.68	2.10	0.33	0.00	0.00	5.22	6.46
WNW	0.89	3.12	0.33	0.61	0.23	0.00	5.18	6.58
NW	1.07	0.89	0.37	0.09	0.00	0.00	2.43	4.66
NNW	0.70	0.65	0.23	0.09	0.00	0.00	1.68	4.77
TOTAL	8.72	17.49	7.04	1.87	0.28	0.00	35.54	5.60
AVG SPD	2.22	4.78	9.03	14.18	20.52	0.00	5.60	5.60

NUMBER OF CALM HOURS - 3
NUMBER OF MISSING HOURS - 64
NUMBER OF HOURS OF DATA - 2144

RBOSP

THE PERCENTAGE OF OCCURRENCE OF WIND SPEED CLASS AND WIND DIRECTION FOR STABILITY INDEX F

PERIOD OF RECORD-SUMMER

	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG SPD MPH
N	0.05	0.14	0.09	0.00	0.00	0.00	0.28	6.16
NNE	0.00	0.00	0.05	0.00	0.00	0.00	0.05	8.33
NE	0.00	0.09	0.00	0.00	0.00	0.00	0.09	5.26
ENE	0.00	0.09	0.00	0.00	0.00	0.00	0.09	3.35
E	0.09	0.05	0.00	0.00	0.00	0.00	0.14	2.41
ESE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SE	0.05	0.05	0.00	0.00	0.00	0.00	0.09	2.78
SSE	0.05	0.00	0.00	0.00	0.00	0.00	0.05	2.12
S	0.09	0.19	0.00	0.00	0.00	0.00	0.28	3.90
SSW	0.14	0.28	0.23	0.05	0.00	0.00	0.70	6.28
SW	0.09	0.33	0.23	0.00	0.00	0.00	0.70	5.77
WSW	0.19	1.45	3.31	0.79	0.00	0.00	5.74	8.81
W	0.09	0.70	1.35	0.37	0.00	0.00	2.52	8.47
WNW	0.00	0.89	0.70	0.00	0.00	0.00	1.59	6.55
NW	0.05	0.47	0.14	0.05	0.00	0.00	0.70	5.72
NNW	0.05	0.09	0.05	0.00	0.00	0.00	0.19	4.47
TOTAL	0.93	4.30	6.16	1.26	0.00	0.00	13.20	7.59
AVG SPD	2.18	5.08	9.31	13.03	0.00	0.00	7.59	7.59

NUMBER OF CALM HOURS - 1
NUMBER OF MISSING HOURS - 64
NUMBER OF HOURS OF DATA - 2144

RBOSP

THE PERCENTAGE OF OCCURRENCE OF WIND SPEED CLASS AND WIND DIRECTION FOR STABILITY INDEX G

PERIOD OF RECORD-SUMMER

	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG SPD MPH
N	0.05	0.00	0.00	0.00	0.00	0.00	0.05	2.58
NNE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ESE	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.70
SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SSE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
S	0.05	0.00	0.00	0.00	0.00	0.00	0.05	3.00
SSW	0.05	0.00	0.00	0.00	0.00	0.00	0.05	2.20
SW	0.00	0.00	0.05	0.00	0.00	0.00	0.05	7.30
WSW	0.00	0.09	0.56	0.05	0.00	0.00	0.70	9.12
W	0.05	0.00	0.19	0.05	0.05	0.00	0.33	10.95
WNW	0.05	0.09	0.28	0.14	0.00	0.05	0.61	10.34
NW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NNW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	0.23	0.19	1.07	0.23	0.05	0.05	1.87	9.09
AVG SPD	2.34	4.78	9.39	12.33	21.36	30.79	9.09	9.09

NUMBER OF CALM HOURS - 1
NUMBER OF MISSING HOURS - 64
NUMBER OF HOURS OF DATA - 2144

SECTION B.6

UPPER AIR DATA LISTINGS

Section		Page
B.6.1	Upper Air Pilot Balloon Sounding Summaries Over Federal Oil Shale Tract C-a 12 July through 26 July 1975	B.6.1-1 to B.6.1-55
B.6.2	Upper Air Temperature Soundings Over Federal Oil Shale Tract C-a 12 July through 26 July 1975	B.6.2-1 to B.6.2-16
B.6.3	Pilot Balloon Soundings Over Federal Oil Shale Tract C-a 12 July through 26 July 1975	B.6.3-1 to B.6.3-16

UPPER AIR PILOT BALLOON SOUNDING SUMMARIES OVER FEDERAL OIL SHALE TRACT C-a
12 JULY 1975 THROUGH 26 JULY 1975

Azimuth (degrees)	Horizontal angle to balloon clockwise from north at time of sighting
Elevation (degrees)	Vertical angle to balloon from horizontal at time of sighting
Height (feet)	Vertical elevation from release point to balloon at time of sighting
X (feet)	Calculated easterly distance from release point to balloon at time of sighting
Y (feet)	Calculated northerly distance from release point to balloon at time of sighting
Height (feet)	Interpolated height of balloon above the surface
Velocity (miles per hour, mph)	Interpolated velocity of balloon from prior and succeeding sightings
Heading (degrees)	Horizontally projected vector difference (clockwise from north) of balloon position calculated from prior and succeeding sightings

NOTE: Times of flight are presented as hours of the day, in Mountain Standard Time (MST).

C-A 7/12/75 FLIGHT NO. 1 06:10 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-	HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
0.00	0.00	0.00	0.00	0.0	0.0			
0.50	186.20	84.00	300.00	-3.4	-31.4	150.00	0.72	186.20
1.00	999.00	999.00	600.00	999.0	999.0	450.00	999.00	999.00
1.50	258.90	74.40	900.00	-246.8	-48.6	750.00	999.00	999.00
2.00	258.50	60.81	1200.00	-657.1	-134.3	1050.00	9.53	258.26
2.50	258.22	51.68	1500.00	-1160.7	-243.1	1350.00	11.71	257.86
3.00	260.22	46.35	1800.00	-1692.4	-293.2	1650.00	12.14	264.66
3.50	260.48	42.38	2100.00	-2270.0	-382.7	1950.00	13.28	261.24
4.00	260.89	38.88	2400.00	-2939.3	-473.9	2250.00	15.35	262.29
4.50	258.62	35.00	2700.00	-3780.5	-764.3	2550.00	20.22	251.01
5.00	256.11	33.18	3000.00	-4453.9	-1105.4	2850.00	17.16	243.18
5.50	252.60	31.25	3300.00	-5189.2	-1630.9	3150.00	20.54	234.49
6.00	249.60	30.22	3600.00	-5792.4	-2159.6	3450.00	18.23	228.81
6.50	247.10	29.78	3900.00	-6277.4	-2657.7	3750.00	15.80	224.28
7.00	244.55	29.59	4200.00	-6677.6	-3184.5	4050.00	15.03	217.26
7.50	241.82	30.20	4500.00	-6814.0	-3657.5	4350.00	11.19	196.12
8.00	240.29	30.67	4800.00	-7028.2	-4017.8	4650.00	9.53	210.78
8.50	999.00	999.00	5100.00	999.0	999.0	4950.00	999.00	999.00
9.00	237.00	32.22	5400.00	-7184.1	-4673.4	5250.00	999.00	999.00
9.50	235.05	33.33	5700.00	-7102.2	-4972.0	5550.00	7.04	164.69
10.00	233.10	34.45	6000.00	-6992.0	-5258.2	5850.00	6.97	158.97
10.50	231.00	35.45	6300.00	-6874.1	-5575.2	6150.00	7.69	159.63

C-A 7/12/75 FLIGHT NO. 2 08:07 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-	HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
0.00	0.00	0.00	0.00	-6874.1	-5575.2			
0.50	999.00	999.00	300.00	999.0	999.0	150.00	999.00	999.00
1.00	291.52	69.60	600.00	-207.8	81.7	450.00	999.00	999.00
1.50	288.29	59.65	900.00	-500.7	165.0	750.00	6.92	285.92
2.00	286.22	53.19	1200.00	-862.8	250.1	1050.00	8.45	283.29
2.50	286.05	49.62	1500.00	-1226.7	351.7	1350.00	8.59	285.65
3.00	282.95	45.93	1800.00	-1699.1	389.0	1650.00	10.77	274.58
3.50	277.49	42.25	2100.00	-2293.1	299.4	1950.00	13.65	261.47
4.00	272.38	38.76	2400.00	-2987.6	121.5	2250.00	16.29	255.68
4.50	267.05	36.01	2700.00	-3710.7	-194.5	2550.00	17.94	246.44
5.00	261.92	34.78	3000.00	-4277.3	-611.0	2850.00	15.98	233.73
5.50	258.06	34.31	3300.00	-4731.5	-1004.7	3150.00	13.66	229.12
6.00	255.44	34.25	3600.00	-5117.6	-1333.8	3450.00	11.53	229.60
6.50	252.38	34.22	3900.00	-5465.2	-1740.8	3750.00	12.16	220.54
7.00	250.78	34.41	4200.00	-5789.6	-2023.8	4050.00	9.78	228.94
7.50	249.70	34.62	4500.00	-6113.0	-2267.0	4350.00	9.20	233.10
8.00	248.85	35.50	4800.00	-6275.6	-2433.8	4650.00	5.29	224.31
8.50	247.55	36.31	5100.00	-6413.7	-2656.2	4950.00	5.95	211.88
9.00	244.26	37.00	5400.00	-6454.1	-3118.1	5250.00	10.54	185.03

C-A 7/12/75 FLIGHT NO. 3 10:58 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-	HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
0.00	0.00	0.00	0.00	0.0	0.0			
0.50	278.50	78.20	300.00	-62.1	9.2	150.00	1.43	278.50
1.00	279.00	79.15	600.00	-113.8	17.9	450.00	1.19	279.60
1.50	255.20	85.10	900.00	-74.8	-19.8	750.00	1.23	134.14
2.00	223.00	89.20	1200.00	-11.7	-12.5	1050.00	1.45	83.41
2.50	55.00	88.00	1500.00	43.3	30.3	1350.00	1.58	52.06
3.00	35.00	88.00	1800.00	36.3	51.9	1650.00	0.52	342.34
3.50	353.00	87.00	2100.00	-13.6	109.8	1950.00	1.74	319.27
4.00	999.00	999.00	2400.00	999.0	999.0	2250.00	999.00	999.00
4.50	203.50	86.35	2700.00	-13.6	109.8	2550.00	999.00	999.00
5.00	999.00	999.00	3000.00	999.0	999.0	2850.00	999.00	999.00
5.50	240.00	79.30	3300.00	-540.5	-312.6	3150.00	999.00	999.00
6.00	240.20	76.35	3600.00	-759.1	-435.6	3450.00	5.70	240.70
6.50	238.15	73.68	3900.00	-970.4	-603.9	3750.00	6.14	231.49
7.00	234.78	72.00	4200.00	-1115.1	-788.5	4050.00	5.33	218.14
7.50	230.72	71.10	4500.00	-1192.8	-977.1	4350.00	4.63	202.41
8.00	225.72	70.55	4800.00	-1213.6	-1185.2	4650.00	4.75	185.75
8.50	221.38	70.00	5100.00	-1226.9	-1394.7	4950.00	4.77	183.69
9.00	218.20	69.78	5400.00	-1229.7	-1565.0	5250.00	3.87	180.98
9.50	214.73	70.15	5700.00	-1172.0	-1693.2	5550.00	3.20	155.77
10.00	209.63	70.70	6000.00	-1038.3	-1828.5	5850.00	4.32	135.38

C-A 7/12/75 FLIGHT NO. 4 16:46 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-	HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
0.00	0.00	0.00	0.00	0.0	0.0			
0.50	180.20	69.90	300.00	-0.3	-109.9	150.00	2.50	180.20
1.00	999.00	999.00	600.00	999.0	999.0	450.00	999.00	999.00
1.50	166.45	56.52	900.00	139.8	-578.8	750.00	999.00	999.00
2.00	167.98	55.16	1200.00	174.5	-817.2	1050.00	5.47	171.77
2.50	167.75	57.65	1500.00	202.2	-928.7	1350.00	2.61	166.08
3.00	164.38	60.55	1800.00	274.3	-979.1	1650.00	2.00	124.95
3.50	161.05	63.00	2100.00	348.2	-1012.3	1950.00	1.84	114.25
4.00	159.87	63.38	2400.00	414.8	-1129.8	2250.00	3.07	150.47
4.50	160.19	64.15	2700.00	444.2	-1231.2	2550.00	2.40	163.84
5.00	162.15	64.72	3000.00	435.3	-1349.1	2850.00	2.69	184.38
5.50	164.43	65.25	3300.00	407.4	-1466.1	3150.00	2.72	192.51
6.00	164.72	66.14	3600.00	420.7	-1536.7	3450.00	1.62	170.91
6.50	164.92	67.18	3900.00	428.1	-1585.2	3750.00	1.12	171.42
7.00	165.60	69.00	4200.00	402.1	-1562.4	4050.00	0.79	311.35
7.50	168.92	71.92	4500.00	283.4	-1442.7	4350.00	3.83	315.30
8.00	174.52	72.60	4800.00	144.6	-1498.5	4650.00	3.40	248.13
8.50	180.60	72.55	5100.00	-21.4	-1604.3	4950.00	4.48	237.55
9.00	184.78	71.83	5400.00	-146.7	-1767.6	5250.00	4.68	217.54
9.50	189.38	70.68	5700.00	-321.1	-1951.3	5550.00	5.76	223.56
10.00	193.75	69.86	6000.00	-522.0	-2139.2	5850.00	6.25	226.96

C-A 7/13/75 FLIGHT NO. 2 09:00 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-	HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
0.00	0.00	0.00	0.00	0.0	0.0			
0.50	53.35	35.60	300.00	336.2	250.3	150.00	9.53	53.35
1.00	47.53	37.60	600.00	574.8	526.3	450.00	8.29	40.84
1.50	50.13	36.00	900.00	950.8	794.4	750.00	10.50	54.52
2.00	53.05	33.71	1200.00	1437.6	1081.7	1050.00	12.84	59.46
2.50	53.79	33.57	1500.00	1823.9	1335.9	1350.00	10.51	56.67
3.00	53.52	34.56	1800.00	2101.4	1554.4	1650.00	8.03	51.79
3.50	53.56	35.78	2100.00	2344.4	1731.6	1950.00	6.84	53.91
4.00	53.78	37.02	2400.00	2567.9	1881.5	2250.00	6.12	56.16
4.50	53.32	38.02	2700.00	2769.9	2063.9	2550.00	6.19	47.93
5.00	52.86	38.78	3000.00	2976.9	2255.5	2850.00	6.41	47.22
5.50	51.72	39.49	3300.00	3144.0	2482.1	3150.00	6.40	36.42
6.00	50.34	40.25	3600.00	3274.2	2715.3	3450.00	6.07	29.17
6.50	49.38	40.35	3900.00	3484.9	2990.0	3750.00	7.87	37.50
7.00	49.08	40.00	4200.00	3782.7	3280.0	4050.00	9.45	45.76
7.50	49.22	39.42	4500.00	4145.9	3577.3	4350.00	10.67	50.71
8.00	49.63	38.61	4800.00	4580.0	3895.0	4650.00	12.22	53.81
8.50	49.68	37.94	5100.00	4988.3	4234.8	4950.00	12.07	50.25
9.00	49.82	37.20	5400.00	5436.1	4592.1	5250.00	13.02	51.42
9.50	50.22	36.63	5700.00	5892.6	4907.7	5550.00	12.61	55.36
10.00	50.84	36.30	6000.00	6334.1	5160.4	5850.00	11.56	60.23

C-A 7/13/75 FLIGHT NO. 3 10:58 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-	HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
0.00	0.00	0.00	0.00	0.0	0.0			
0.50	41.00	36.65	300.00	264.6	304.4	150.00	9.17	41.00
1.00	51.11	34.63	600.00	676.3	545.7	450.00	10.85	59.64
1.50	56.66	35.00	900.00	1073.9	706.8	750.00	9.75	67.96
2.00	59.48	35.61	1200.00	1443.6	851.4	1050.00	9.02	68.65
2.50	60.10	35.68	1500.00	1811.2	1042.0	1350.00	9.41	62.61
3.00	58.31	35.20	1800.00	2171.5	1341.2	1650.00	10.64	50.30
3.50	57.45	33.85	2100.00	2639.5	1685.5	1950.00	13.21	53.67
4.00	56.62	33.23	2400.00	3059.4	2016.6	2250.00	12.15	51.75
4.50	58.63	33.33	2700.00	3505.9	2138.4	2550.00	10.52	74.75
5.00	58.82	33.22	3000.00	3919.7	2373.0	2850.00	10.81	60.46
5.50	58.42	33.11	3300.00	4311.4	2651.5	3150.00	10.92	54.60
6.00	58.87	32.58	3600.00	4822.8	2914.0	3450.00	13.07	62.84
6.50	59.26	32.39	3900.00	5284.6	3144.2	3750.00	11.73	63.52

C-A 7/13/75 FLIGHT NO. 4 16:54

RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-	HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
0.00	0.00	0.00	0.00	0.0	0.0			
						150.00	11.99	88.35
0.50	88.35	29.63	300.00	527.3	15.3			
						450.00	16.83	90.54
1.00	89.63	25.33	600.00	1267.8	8.6			
						750.00	17.84	87.77
1.50	88.92	23.68	900.00	2052.3	39.3			
						1050.00	17.74	83.11
2.00	87.32	22.98	1200.00	2827.2	133.2			
						1350.00	17.58	81.54
2.50	86.08	22.62	1500.00	3592.2	247.2			
						1650.00	17.93	81.74
3.00	85.30	22.31	1800.00	4372.7	360.7			
						1950.00	17.98	87.72
3.50	85.67	22.08	2100.00	5163.1	392.4			
						2250.00	19.11	89.97
4.00	86.27	21.75	2400.00	6004.0	393.1			
						2550.00	12.69	88.15
4.50	86.43	22.33	2700.00	6562.0	411.3			
						2850.00	6.30	99.38
5.00	86.95	23.67	3000.00	6835.6	366.2			
						3150.00	5.48	113.34
5.50	87.82	25.05	3300.00	7057.1	270.7			
						3450.00	4.11	120.22
6.00	88.59	26.52	3600.00	7213.5	179.7			
						3750.00	5.02	87.24
6.50	88.55	27.68	3900.00	7433.9	190.3			
						4050.00	4.55	64.25
7.00	87.93	28.87	4200.00	7614.4	277.4			
						4350.00	4.21	69.98
7.50	87.51	30.00	4500.00	7788.5	340.9			
						4650.00	2.99	75.35
8.00	87.31	31.21	4800.00	7915.6	374.2			
						4950.00	5.74	68.22
8.50	86.73	32.00	5100.00	8150.2	468.0			
						5250.00	6.86	67.33
9.00	86.05	32.59	5400.00	8428.8	584.4			
						5550.00	5.58	53.26
9.50	85.17	33.37	5700.00	8625.5	731.3			
						5850.00	5.50	50.94
10.00	84.29	34.12	6000.00	8813.3	883.7			

C-A 7/14/75 FLIGHT NO. 1 05:00 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-	HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
0.00	0.00	0.00	0.00	0.0	0.0			
0.50	61.72	73.70	300.00	77.3	41.6	150.00	2.00	61.72
1.00	56.48	77.52	600.00	110.8	73.4	450.00	1.05	46.49
1.50	49.58	81.65	900.00	100.7	85.8	750.00	0.36	320.89
2.00	347.44	82.84	1200.00	-33.0	147.4	1050.00	3.35	294.78
2.50	333.92	82.03	1500.00	-92.7	188.9	1350.00	1.65	304.85
3.00	344.10	81.01	1800.00	-78.5	274.3	1650.00	1.97	9.48
3.50	357.73	80.57	2100.00	-14.2	349.1	1950.00	2.24	40.65
4.00	18.35	79.63	2400.00	138.4	417.5	2250.00	3.80	65.88
4.50	36.44	76.95	2700.00	372.1	504.1	2550.00	5.66	69.67
5.00	48.44	73.47	3000.00	666.7	591.3	2850.00	6.98	73.53
5.50	56.81	70.08	3300.00	1001.4	655.3	3150.00	7.74	79.19
6.00	62.00	68.24	3600.00	1269.5	675.3	3450.00	6.11	85.75
6.50	66.43	67.08	3900.00	1512.2	660.1	3750.00	5.53	93.60
7.00	72.81	65.97	4200.00	1789.9	554.2	4050.00	6.75	110.91
7.50	79.45	64.85	4500.00	2078.1	387.6	4350.00	7.57	120.05
8.00	85.74	63.63	4800.00	2374.2	177.5	4650.00	8.25	125.37
8.50	91.88	62.35	5100.00	2671.8	-86.9	4950.00	9.05	131.65
9.00	97.08	60.84	5400.00	2991.6	-370.6	5250.00	9.72	131.61
9.50	101.62	59.48	5700.00	3293.1	-676.0	5550.00	9.75	135.40
10.00	104.87	58.28	6000.00	3586.2	-950.9	5850.00	9.13	133.18

C-A 7/14/75 FLIGHT NO. 2 09:00 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-	HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
0.00	0.00	0.00	0.00	0.0	0.0			
0.50	6.00	65.83	300.00	14.1	134.0	150.00	3.06	6.00
1.00	348.05	69.05	600.00	-47.9	224.8	450.00	2.50	325.78
1.50	337.17	72.05	900.00	-113.5	268.8	750.00	1.80	303.87
2.00	335.44	73.11	1200.00	-151.9	331.5	1050.00	1.67	328.56
2.50	347.98	73.41	1500.00	-93.6	437.4	1350.00	2.75	28.85
3.00	355.92	73.22	1800.00	-39.3	541.8	1650.00	2.68	27.50
3.50	356.81	74.60	2100.00	-32.9	578.1	1950.00	0.84	10.00
4.00	1.15	77.58	2400.00	10.6	529.1	2250.00	1.49	138.40
4.50	10.61	80.28	2700.00	85.3	455.3	2550.00	2.39	134.69
5.00	21.84	82.38	3000.00	149.6	373.3	2850.00	2.37	141.91
5.50	36.92	84.72	3300.00	183.7	244.6	3150.00	3.03	165.18
6.00	999.00	999.00	3600.00	999.0	999.0	3450.00	999.00	999.00
6.50	137.89	84.28	3900.00	262.8	-290.5	3750.00	999.00	999.00
7.00	156.25	82.02	4200.00	237.9	-539.9	4050.00	5.70	185.75
7.50	166.39	80.35	4500.00	180.7	-744.8	4350.00	4.83	195.61
8.00	170.98	79.15	4800.00	145.0	-909.8	4650.00	3.84	192.27
8.50	172.71	78.44	5100.00	133.1	-1036.0	4950.00	2.88	185.39
9.00	170.65	78.00	5400.00	187.4	-1133.9	5250.00	2.54	151.04
9.50	165.76	78.00	5700.00	299.0	-1175.7	5550.00	2.71	110.53
10.00	161.00	77.34	6000.00	440.0	-1275.6	5850.00	3.93	125.37

C-A 7/14/75 FLIGHT NO. 3 10:39 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-	HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
0.00	0.00	0.00	0.00	0.0	0.0			
						150.00	3.81	150.08
0.50	150.08	60.80	300.00	83.7	-145.3			
						450.00	4.04	151.05
1.00	150.58	60.07	600.00	169.9	-300.9			
						750.00	3.74	168.47
1.50	156.33	60.72	900.00	202.9	-462.3			
						1050.00	5.59	151.75
2.00	154.83	58.00	1200.00	319.4	-678.8			
						1350.00	6.51	166.52
2.50	158.05	55.48	1500.00	386.3	-957.1			
						1650.00	5.37	174.00
3.00	161.00	55.00	1800.00	411.1	-1191.9			
						1950.00	5.27	155.14
3.50	160.09	54.62	2100.00	508.8	-1402.4			
						2250.00	3.63	190.86
4.00	162.96	55.81	2400.00	478.8	-1559.2			
						2550.00	2.43	198.72
4.50	165.04	57.53	2700.00	444.6	-1660.3			
						2850.00	2.85	124.72
5.00	162.48	58.82	3000.00	547.7	-1731.7			
						3150.00	2.26	96.44
5.50	159.68	60.62	3300.00	646.4	-1742.8			
						3450.00	2.10	93.09
6.00	157.12	62.22	3600.00	738.6	-1747.7			
						3750.00	4.36	96.47
6.50	152.32	62.88	3900.00	929.2	-1769.3			
						4050.00	4.38	98.54
7.00	148.11	63.25	4200.00	1119.8	-1797.8			
						4350.00	2.63	30.01
7.50	145.28	65.35	4500.00	1177.6	-1697.7			
						4650.00	1.04	43.76
8.00	144.03	66.81	4800.00	1209.3	-1664.6			
						4950.00	1.22	272.43
8.50	145.22	68.36	5100.00	1155.7	-1662.4			
						5250.00	2.92	246.67
9.00	148.82	69.66	5400.00	1038.0	-1713.3			
						5550.00	1.61	296.03
9.50	149.95	71.18	5700.00	974.4	-1682.4			
						5850.00	2.10	342.75
10.00	149.32	72.84	6000.00	946.9	-1594.3			

C-A 7/14/75 FLIGHT NO. 4 17:00 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-	HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
0.00	0.00	0.00	0.00	946.9	-1594.3			
0.50	999.00	999.00	300.00	999.0	999.0	150.00	999.00	999.00
1.00	254.00	77.00	600.00	-133.3	-38.3	450.00	999.00	999.00
1.50	252.59	77.17	900.00	-195.8	-61.6	750.00	1.51	249.66
2.00	260.57	77.31	1200.00	-266.8	-44.6	1050.00	1.66	283.51
2.50	300.15	80.88	1500.00	-208.7	120.9	1350.00	3.99	19.36
3.00	323.52	78.00	1800.00	-228.1	307.8	1650.00	4.27	354.14
3.50	326.33	71.45	2100.00	-391.6	586.5	1950.00	7.34	329.66
4.00	331.83	68.05	2400.00	-457.8	852.7	2250.00	6.23	346.10
4.50	336.32	64.42	2700.00	-520.7	1183.7	2550.00	7.66	349.32
5.00	336.85	61.18	3000.00	-650.9	1517.7	2850.00	8.15	338.76
5.50	335.21	59.67	3300.00	-811.8	1752.7	3150.00	6.47	325.66
6.00	336.63	57.82	3600.00	-901.2	2079.3	3450.00	7.70	344.76
6.50	341.71	56.75	3900.00	-805.5	2427.9	3750.00	8.21	15.36
7.00	347.47	55.10	4200.00	-639.2	2860.6	4050.00	10.54	21.03
7.50	353.22	54.67	4500.00	-380.4	3168.2	4350.00	9.14	40.08
8.00	357.57	55.59	4800.00	-143.3	3286.0	4650.00	6.02	63.58
8.50	2.35	58.47	5100.00	128.3	3127.7	4950.00	7.15	120.26
9.00	8.42	59.62	5400.00	463.7	3132.9	5250.00	7.62	89.12
9.50	13.44	60.88	5700.00	738.2	3089.7	5550.00	6.32	98.96
10.00	18.00	62.62	6000.00	960.6	2956.9	5850.00	5.89	120.87

C-A 7/15/75 FLIGHT NO. 1 05:21 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-	HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
0.00	0.00	0.00	0.00	960.6	2956.9			
0.50	999.00	999.00	300.00	999.0	999.0	150.00	999.00	999.00
1.00	999.00	999.00	600.00	999.0	999.0	450.00	999.00	999.00
1.50	43.71	42.53	900.00	678.1	709.5	750.00	999.00	999.00
2.00	42.81	38.78	1200.00	1015.1	1096.1	1050.00	11.66	41.09
2.50	46.20	36.78	1500.00	1448.4	1389.4	1350.00	11.89	55.92
3.00	48.52	35.78	1800.00	1871.4	1655.0	1650.00	11.35	57.88
3.50	52.14	35.35	2100.00	2337.6	1817.8	1950.00	11.22	70.77
4.00	57.52	35.00	2400.00	2891.8	1841.6	2250.00	12.61	87.55
4.50	62.15	34.00	2700.00	3539.7	1871.2	2550.00	14.74	87.40
5.00	65.87	32.90	3000.00	4232.7	1897.1	2850.00	15.76	87.87
5.50	68.78	31.95	3300.00	4933.3	1916.8	3150.00	15.93	88.41
6.00	71.28	31.26	3600.00	5617.4	1905.0	3450.00	15.55	91.00
6.50	73.95	30.67	3900.00	6320.9	1820.1	3750.00	16.10	96.90
7.00	76.22	30.28	4200.00	6987.3	1715.5	4050.00	15.33	98.94
7.50	77.92	30.00	4500.00	7623.0	1633.5	4350.00	14.57	97.37
8.00	78.97	29.76	4800.00	8241.2	1608.6	4650.00	14.06	92.32
8.50	79.73	29.63	5100.00	8824.6	1601.3	4950.00	13.26	90.74
9.00	80.14	29.75	5400.00	9310.2	1620.7	5250.00	11.04	87.73
9.50	80.26	30.08	5700.00	9700.9	1667.8	5550.00	8.94	83.14
10.00	80.13	30.50	6000.00	10037.1	1749.1	5850.00	7.86	76.43

C-A 7/15/75 FLIGHT NO. 2 08:02 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-	HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
0.00	0.00	0.00	0.00	0.0	0.0			
0.50	358.62	54.90	300.00	-5.3	210.9	150.00	4.79	358.62
1.00	13.67	53.48	600.00	105.0	431.9	450.00	5.61	26.54
1.50	19.25	53.70	900.00	218.0	624.4	750.00	5.07	30.41
2.00	22.23	53.93	1200.00	330.8	809.5	1050.00	4.92	31.36
2.50	28.65	52.07	1500.00	560.6	1026.3	1350.00	7.18	46.68
3.00	35.16	47.00	1800.00	966.7	1372.8	1650.00	12.13	49.54
3.50	39.82	44.23	2100.00	1381.6	1657.5	1950.00	11.44	55.55
4.00	45.74	41.20	2400.00	1963.7	1914.2	2250.00	14.46	66.22
4.50	50.08	37.88	2700.00	2662.2	2228.3	2550.00	17.41	65.80
5.00	55.70	35.00	3000.00	3539.8	2415.6	2850.00	20.39	77.96
5.50	59.12	32.91	3300.00	4376.8	2616.5	3150.00	19.57	76.39
6.00	61.61	31.45	3600.00	5178.9	2800.4	3450.00	18.69	77.24
6.50	63.01	30.33	3900.00	5940.7	3027.2	3750.00	18.07	73.44
7.00	63.90	29.48	4200.00	6672.7	3270.7	4050.00	17.53	71.62
7.50	64.59	29.27	4500.00	7253.0	3447.4	4350.00	13.78	73.07
8.00	65.33	29.60	4800.00	7679.3	3529.2	4650.00	9.87	79.15
8.50	66.10	29.80	5100.00	8142.6	3610.4	4950.00	10.69	80.07
9.00	66.16	29.79	5400.00	8629.1	3815.3	5250.00	12.00	67.17
9.50	65.80	29.86	5700.00	9057.3	4072.9	5550.00	11.36	56.99
10.00	64.67	30.23	6000.00	9307.9	4408.2	5850.00	9.51	36.78

C-A 7/15/75 FLIGHT NO. 3 11:00 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-	HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
0.00	0.00	0.00	0.00	0.0	0.0			
0.50	58.51	69.57	300.00	95.3	58.4	150.00	2.54	58.51
1.00	57.52	57.63	600.00	320.9	204.4	450.00	6.11	57.11
1.50	57.03	55.33	900.00	522.4	339.0	750.00	5.51	56.26
2.00	61.26	55.73	1200.00	717.1	393.5	1050.00	4.60	74.39
2.50	62.15	57.00	1500.00	861.5	455.4	1350.00	3.57	66.79
3.00	61.58	59.47	1800.00	933.9	505.6	1650.00	2.00	55.26
3.50	60.67	59.73	2100.00	1068.9	600.9	1950.00	3.75	54.81
4.00	59.34	60.97	2400.00	1146.2	679.8	2250.00	2.51	44.41
4.50	60.05	63.02	2700.00	1191.5	686.8	2550.00	1.04	81.18
5.00	62.00	63.18	3000.00	1339.7	712.7	2850.00	3.42	80.11
5.50	62.44	62.94	3300.00	1495.1	780.7	3150.00	3.85	66.38
6.00	61.05	62.63	3600.00	1631.4	902.9	3450.00	4.16	48.14
6.50	58.83	62.22	3900.00	1758.6	1064.2	3750.00	4.67	38.24
7.00	56.38	61.48	4200.00	1901.2	1264.6	4050.00	5.59	35.45
7.50	53.92	60.27	4500.00	2077.7	1514.5	4350.00	6.95	35.23
8.00	52.39	59.31	4800.00	2257.6	1739.8	4650.00	6.55	38.62
8.50	51.39	58.70	5100.00	2423.8	1936.2	4950.00	5.85	40.24

C-A 7/15/75 FLIGHT NO. 4 17:00

RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-	HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
0.00	0.00	0.00	0.00	0.0	0.0			
0.50	263.98	67.62	300.00	-122.9	-13.1	150.00	2.81	263.98
1.00	243.68	62.96	600.00	-274.5	-136.1	450.00	4.44	230.99
1.50	246.78	58.68	900.00	-503.3	-216.4	750.00	5.51	250.70
2.00	250.18	55.58	1200.00	-773.6	-279.6	1050.00	6.31	256.90
2.50	258.78	53.42	1500.00	-1092.1	-217.6	1350.00	7.37	281.06
3.00	267.42	52.70	1800.00	-1370.3	-63.0	1650.00	7.23	299.13
3.50	273.81	51.68	2100.00	-1656.7	108.8	1950.00	7.59	301.01
4.00	286.28	53.22	2400.00	-1723.3	501.5	2250.00	9.05	350.44
4.50	303.87	55.15	2700.00	-1562.7	1046.6	2550.00	12.92	16.42
5.00	321.33	54.38	3000.00	-1345.3	1677.4	2850.00	15.16	19.02
5.50	333.12	53.55	3300.00	-1104.8	2173.7	3150.00	12.53	25.66
6.00	345.02	50.76	3600.00	-763.5	2840.5	3450.00	17.02	27.11
6.50	353.11	47.00	3900.00	-440.6	3611.2	3750.00	18.99	22.74
7.00	358.62	43.58	4200.00	-111.5	4413.4	4050.00	19.71	22.31
7.50	2.59	40.50	4500.00	238.1	5264.9	4350.00	20.92	22.33
8.00	5.75	37.93	4800.00	617.1	6129.8	4650.00	21.46	23.67
8.50	8.04	35.69	5100.00	993.1	7032.0	4950.00	22.21	22.63
9.00	10.04	34.00	5400.00	1395.8	7885.2	5250.00	21.44	25.27
9.50	12.14	32.45	5700.00	1885.3	8766.1	5550.00	22.91	29.07
10.00	14.08	31.14	6000.00	2416.0	9634.6	5850.00	23.13	31.43

C-A 7/16/75 FLIGHT NO. 1 05:00

RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-	HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
0.00	0.00	0.00	0.00	0.0	0.0			
0.50	207.50	77.00	300.00	-32.0	-61.5	150.00	1.58	207.50
1.00	289.60	61.00	600.00	-313.6	111.3	450.00	7.51	301.60
1.50	303.72	51.62	900.00	-593.5	395.3	750.00	9.06	315.47
2.00	315.55	48.00	1200.00	-757.7	770.8	1050.00	9.31	336.45
2.50	326.60	45.87	1500.00	-802.6	1214.3	1350.00	10.13	354.29
3.00	337.48	43.92	1800.00	-718.0	1726.3	1650.00	11.79	9.38
3.50	348.91	39.37	2100.00	-495.3	2511.6	1950.00	18.55	15.84
4.00	356.79	35.49	2400.00	-192.5	3361.2	2250.00	20.50	19.62
4.50	2.18	32.93	2700.00	158.6	4166.8	2550.00	19.97	23.55
5.00	7.63	31.57	3000.00	648.3	4840.1	2850.00	18.92	36.03
5.50	12.31	30.46	3300.00	1196.4	5483.5	3150.00	19.21	40.43
6.00	16.78	30.00	3600.00	1800.2	5971.3	3450.00	17.64	51.08
6.50	20.82	29.27	3900.00	2473.3	6505.5	3750.00	19.53	51.57
7.00	24.12	28.61	4200.00	3146.8	7029.7	4050.00	19.40	52.12
7.50	27.01	28.15	4500.00	3819.6	7494.8	4350.00	18.59	55.35
8.00	29.61	27.78	4800.00	4502.3	7924.0	4650.00	18.33	57.85
8.50	31.75	27.59	5100.00	5135.9	8301.4	4950.00	16.76	59.23
9.00	33.70	27.30	5400.00	5805.3	8706.7	5250.00	17.78	58.82
9.50	35.55	26.83	5700.00	6552.6	9171.7	5550.00	20.00	58.12
10.00	37.45	26.56	6000.00	7298.9	9531.7	5850.00	18.83	64.26

C-A 7/16/75 FLIGHT NO. 2 08:00 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-	HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
0.00	0.00	0.00	0.00	0.0	0.0			
0.50	261.35	61.42	300.00	-161.6	-24.7	150.00	3.72	261.35
1.00	283.57	62.08	600.00	-309.3	74.4	450.00	4.04	303.92
1.50	307.60	64.78	900.00	-336.3	258.4	750.00	4.23	351.72
2.00	999.00	999.00	1200.00	999.0	999.0	1050.00	999.00	999.00
2.50	0.25	49.68	1500.00	-336.3	258.4	1350.00	999.00	999.00
3.00	999.00	999.00	1800.00	999.0	999.0	1650.00	999.00	999.00
3.50	999.00	999.00	2100.00	999.0	999.0	1950.00	999.00	999.00
4.00	20.25	36.66	2400.00	1116.1	3026.1	2250.00	999.00	999.00
4.50	25.32	36.15	2700.00	1580.7	3341.8	2550.00	12.77	55.81
5.00	29.31	36.00	3000.00	2021.5	3601.6	2850.00	11.63	59.49
5.50	32.75	35.69	3300.00	2485.5	3865.1	3150.00	12.13	60.43
6.00	36.07	35.45	3600.00	2977.3	4088.4	3450.00	12.28	65.59
6.50	38.83	35.11	3900.00	3478.4	4322.7	3750.00	12.57	64.95
7.00	41.35	34.78	4200.00	3995.7	4541.4	4050.00	12.76	67.09
7.50	43.28	34.35	4500.00	4514.4	4795.3	4350.00	13.13	63.93
8.00	44.83	33.96	4800.00	5025.1	5056.5	4650.00	13.03	62.93
8.50	46.45	33.87	5100.00	5507.5	5237.2	4950.00	11.71	69.48
9.00	47.78	34.20	5400.00	5885.1	5341.7	5250.00	8.90	74.54
9.50	48.78	34.62	5700.00	6211.0	5442.9	5550.00	7.76	72.76
10.00	49.45	35.08	6000.00	6492.4	5556.6	5850.00	6.90	68.01

C-A 7/17/75 FLIGHT NO. 1 05:13 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-	HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
0.00	0.00	0.00	0.00	0.0	0.0			
						150.00	8.07	18.42
0.50	18.42	40.19	300.00	112.2	337.0			
						450.00	10.22	26.85
1.00	23.13	36.78	600.00	315.3	738.3			
						750.00	18.09	40.85
1.50	31.95	29.68	900.00	835.7	1340.3			
						1050.00	22.97	34.90
2.00	33.10	24.87	1200.00	1413.8	2169.2			
						1350.00	23.32	37.68
2.50	34.40	22.55	1500.00	2041.0	2981.5			
						1650.00	22.35	47.11
3.00	37.11	21.47	1800.00	2761.4	3650.8			
						1950.00	24.28	58.66
3.50	41.14	20.61	2100.00	3673.9	4206.7			
						2250.00	25.92	63.08
4.00	44.81	19.83	2400.00	4690.7	4723.3			
						2550.00	26.76	65.02
4.50	47.81	19.16	2700.00	5757.9	5220.8			
						2850.00	27.32	64.30
5.00	50.00	18.57	3000.00	6841.1	5742.2			
						3150.00	27.00	64.41
5.50	51.68	18.12	3300.00	7912.4	6255.5			
						3450.00	25.00	66.23
6.00	53.10	17.89	3600.00	8919.1	6699.1			
						3750.00	23.52	68.19
6.50	54.37	17.79	3900.00	9879.7	7083.7			
						4050.00	21.14	66.26
7.00	55.21	17.82	4200.00	10731.1	7458.4			
						4350.00	21.84	69.49
7.50	56.18	17.82	4500.00	11631.2	7795.4			
						4650.00	23.07	74.02
8.00	57.37	17.78	4800.00	12606.8	8075.0			
						4950.00	23.57	76.49
8.50	58.59	17.73	5100.00	13615.2	8317.6			
						5250.00	23.95	77.60
9.00	59.75	17.67	5400.00	14644.2	8544.1			
						5550.00	23.83	80.38
9.50	60.93	17.63	5700.00	15678.0	8719.6			
						5850.00	24.21	81.46
10.00	62.06	17.58	6000.00	16731.5	8878.2			

C-A 7/17/75 FLIGHT NO. 2 08:00 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-
0.00	0.00	0.00	0.00	0.0	0.0
0.50	56.22	48.58	300.00	220.0	147.2
1.00	52.48	36.18	600.00	650.8	499.9
1.50	56.95	30.54	900.00	1278.8	832.4
2.00	53.79	27.60	1200.00	1852.2	1356.6
2.50	55.47	26.72	1500.00	2455.1	1689.9
3.00	57.22	26.00	1800.00	3103.1	1999.1
3.50	58.98	25.22	2100.00	3821.4	2299.0
4.00	60.48	24.19	2400.00	4649.6	2634.0
4.50	61.57	23.49	2700.00	5463.9	2959.4
5.00	62.48	23.05	3000.00	6253.3	3259.7
5.50	63.53	22.66	3300.00	7076.5	3525.4
6.00	64.73	22.33	3600.00	7926.8	3744.0
6.50	65.73	22.02	3900.00	8791.8	3966.4
7.00	66.56	21.69	4200.00	9689.2	4203.4
7.50	67.61	21.37	4500.00	10634.6	4383.9
8.00	68.16	21.11	4800.00	11542.0	4628.8
8.50	68.42	20.93	5100.00	12401.4	4908.3
9.00	68.55	20.72	5400.00	13288.4	5224.5
9.50	68.63	20.58	5700.00	14136.6	5536.0
10.00	68.73	20.49	6000.00	14964.3	5829.2

HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
150.00	6.02	56.22
450.00	12.65	50.70
750.00	16.15	62.11
1050.00	17.66	47.58
1350.00	15.66	61.08
1650.00	16.32	64.50
1950.00	17.69	67.36
2250.00	20.30	67.99
2550.00	19.93	68.23
2850.00	19.20	69.19
3150.00	19.66	72.12
3450.00	19.95	75.60
3750.00	20.30	75.59
4050.00	21.09	75.22
4350.00	21.87	79.21
4650.00	21.36	74.91
4950.00	20.54	72.00
5250.00	21.40	70.39
5550.00	20.58	69.89
5850.00	19.91	70.46

C-A 7/17/75 FLIGHT NO. 3 11:00 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-	HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
0.00	0.00	0.00	0.00	0.0	0.0			
0.50	42.92	30.00	300.00	353.9	380.7	150.00	11.81	42.92
1.00	45.65	26.74	600.00	851.7	832.8	450.00	15.28	47.76
1.50	47.42	26.32	900.00	1339.8	1231.5	750.00	14.32	50.77
2.00	45.97	26.29	1200.00	1746.6	1688.9	1050.00	13.91	41.66
2.50	44.12	26.82	1500.00	2065.6	2130.7	1350.00	12.38	35.84
3.00	42.72	26.65	1800.00	2433.4	2636.0	1650.00	14.20	36.06
3.50	42.82	26.34	2100.00	2883.2	3112.2	1950.00	14.89	43.37
4.00	43.13	26.21	2400.00	3333.2	3559.3	2250.00	14.42	45.20
4.50	43.91	26.67	2700.00	3728.2	3874.0	2550.00	11.48	51.46
5.00	45.47	26.63	3000.00	4265.5	4197.4	2850.00	14.25	58.97
5.50	46.97	26.67	3300.00	4802.9	4484.9	3150.00	13.85	61.86
6.00	48.90	26.23	3600.00	5506.3	4805.0	3450.00	17.56	65.54
6.50	49.92	26.27	3900.00	6046.3	5089.5	3750.00	13.87	62.23
7.00	49.72	26.59	4200.00	6401.9	5427.1	4050.00	11.14	46.49
7.50	49.13	26.92	4500.00	6702.2	5801.4	4350.00	10.91	38.75
8.00	48.73	26.97	4800.00	7090.3	6224.4	4650.00	13.05	42.54
8.50	48.72	27.04	5100.00	7509.6	6594.8	4950.00	12.71	48.55
9.00	49.40	26.39	5400.00	8263.8	7085.3	5250.00	20.45	56.98
9.50	50.33	25.18	5700.00	9333.1	7742.8	5550.00	28.53	58.42
10.00	51.20	24.03	6000.00	10488.6	8435.9	5850.00	30.62	59.05

C-A 7/17/75 FLIGHT NO. 4 17:00 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-
0.00	0.00	0.00	0.00	0.0	0.0
0.50	35.92	45.63	300.00	172.2	237.8
1.00	40.13	41.03	600.00	444.4	527.4
1.50	44.04	35.53	900.00	876.2	906.4
2.00	46.69	33.63	1200.00	1312.9	1238.0
2.50	47.06	31.88	1500.00	1765.7	1643.6
3.00	46.58	29.73	1800.00	2289.5	2167.3
3.50	46.22	28.34	2100.00	2811.4	2695.0
4.00	48.22	27.29	2400.00	3469.2	3100.7
4.50	50.01	26.28	2700.00	4189.6	3515.4
5.00	51.81	25.41	3000.00	4963.9	3906.2
5.50	52.23	25.08	3300.00	5574.2	4320.7
6.00	52.46	25.00	3600.00	6122.1	4706.1
6.50	52.81	24.52	3900.00	6811.7	5170.3
7.00	53.33	23.37	4200.00	7796.6	5807.2
7.50	53.56	22.14	4500.00	8898.2	6572.4
8.00	53.93	21.10	4800.00	10055.6	7327.3
8.50	54.55	20.14	5100.00	11329.3	8069.2
9.00	55.28	19.36	5400.00	12652.9	8757.4
9.50	56.13	19.02	5700.00	13730.4	9219.7
10.00	56.82	18.79	6000.00	14760.9	9655.8

HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
150.00	6.67	35.92
450.00	9.03	43.24
750.00	13.06	48.74
1050.00	12.46	52.79
1350.00	13.82	48.16
1650.00	16.83	45.02
1950.00	16.87	44.69
2250.00	17.57	58.35
2550.00	18.89	60.08
2850.00	19.71	63.23
3150.00	16.77	55.83
3450.00	15.22	54.88
3750.00	18.89	56.06
4050.00	26.66	57.12
4350.00	30.48	55.23
4650.00	31.41	56.89
4950.00	33.50	59.79
5250.00	33.50	62.18
5550.00	27.06	67.17
5850.00	25.43	67.07

C-A 7/18/75 FLIGHT NO. 1 05:00 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-	HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
0.00	0.00	0.00	0.00	14760.9	9655.8			
0.50	999.00	999.00	300.00	999.0	999.0	150.00	999.00	999.00
1.00	60.50	76.60	600.00	124.5	70.5	450.00	999.00	999.00
1.50	73.30	53.80	900.00	631.1	189.5	750.00	11.83	76.79
2.00	75.32	39.00	1200.00	1433.8	376.0	1050.00	18.73	76.94
2.50	76.82	31.04	1500.00	2427.2	569.1	1350.00	23.00	79.02
3.00	80.50	27.06	1800.00	3475.9	582.6	1650.00	23.83	89.28
3.50	83.78	25.37	2100.00	4403.3	481.1	1950.00	21.20	96.26
4.00	86.77	24.31	2400.00	5305.5	300.9	2250.00	20.91	101.31
4.50	88.92	23.71	2700.00	6148.0	117.7	2550.00	19.60	102.29
5.00	90.86	23.40	3000.00	6933.3	-102.0	2850.00	18.53	105.65
5.50	92.21	23.28	3300.00	7665.9	-293.5	3150.00	17.21	104.67
6.00	93.00	23.14	3600.00	8414.1	-438.4	3450.00	17.32	100.98
6.50	93.61	23.07	3900.00	9140.6	-573.9	3750.00	16.80	100.58
7.00	94.21	23.05	4200.00	9846.3	-721.7	4050.00	16.39	101.85
7.50	94.06	23.00	4500.00	10577.2	-747.5	4350.00	16.62	92.03
8.00	93.30	22.90	4800.00	11346.9	-650.8	4650.00	17.63	82.85
8.50	92.53	22.74	5100.00	12158.9	-533.5	4950.00	18.65	81.80
9.00	91.68	22.52	5400.00	13021.1	-378.0	5250.00	19.91	79.79
9.50	90.78	22.23	5700.00	13948.2	-185.7	5550.00	21.52	78.30
10.00	89.94	21.92	6000.00	14913.5	20.0	5850.00	22.43	77.98

C-A 7/18/75 FLIGHT NO. 2 08:05 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-	HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
0.00	0.00	0.00	0.00	0.0	0.0			
0.50	50.08	43.28	300.00	244.4	204.5	150.00	7.24	50.08
1.00	56.01	40.08	600.00	591.3	398.8	450.00	9.04	60.76
1.50	61.75	37.32	900.00	1060.1	559.1	750.00	10.83	70.36
2.00	67.83	36.48	1200.00	1503.1	612.9	1050.00	10.59	83.39
2.50	72.19	36.27	1500.00	1966.6	625.9	1350.00	10.08	88.34
3.00	77.31	34.69	1800.00	2537.5	572.1	1650.00	13.48	95.22
3.50	82.06	32.16	2100.00	3308.5	462.4	1950.00	17.70	98.11
4.00	85.36	30.00	2400.00	4164.1	337.5	2250.00	19.20	98.52
4.50	87.11	28.42	2700.00	4984.1	253.0	2550.00	19.19	95.76
5.00	87.96	27.35	3000.00	5797.5	208.2	2850.00	18.52	93.17
5.50	88.17	26.70	3300.00	6559.3	211.5	3150.00	17.31	89.77
6.00	88.69	26.17	3600.00	7325.5	169.7	3450.00	17.44	93.14
6.50	89.95	25.78	3900.00	8076.5	9.4	3750.00	17.45	102.06
7.00	91.03	25.36	4200.00	8861.7	-156.7	4050.00	18.24	101.96
7.50	91.54	25.03	4500.00	9635.8	-256.1	4350.00	17.74	97.34
8.00	91.62	24.93	4800.00	10324.7	-288.9	4650.00	15.68	92.74
8.50	91.20	24.82	5100.00	11027.3	-227.7	4950.00	16.03	85.04
9.00	90.66	24.77	5400.00	11704.5	-131.3	5250.00	15.55	81.92
9.50	90.14	24.83	5700.00	12321.6	-26.5	5550.00	14.23	80.37
10.00	89.75	24.90	6000.00	12928.5	60.2	5850.00	13.93	81.89

C-A 7/18/75 FLIGHT NO. 3 10:45 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-	HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
0.00	0.00	0.00	0.00	0.0	0.0			
0.50	104.50	62.00	300.00	154.5	-39.9	150.00	3.63	104.50
1.00	95.75	69.70	600.00	221.0	-22.2	450.00	1.56	75.08
1.50	97.59	70.46	900.00	316.9	-42.1	750.00	2.23	101.77
2.00	80.50	69.45	1200.00	444.0	74.4	1050.00	3.92	47.49
2.50	65.12	68.64	1500.00	532.5	247.1	1350.00	4.41	27.15
3.00	67.78	67.05	1800.00	706.0	288.6	1650.00	4.05	76.57
3.50	68.62	67.00	2100.00	830.5	325.3	1950.00	2.95	73.56
4.00	71.63	66.40	2400.00	995.6	330.9	2250.00	3.76	88.10
4.50	76.01	62.46	2700.00	1366.8	340.9	2550.00	8.44	88.47
5.00	76.70	56.60	3000.00	1925.7	455.7	2850.00	12.97	78.40
5.50	76.40	51.28	3300.00	2572.2	623.0	3150.00	15.18	75.51
6.00	77.30	47.56	3600.00	3212.2	724.7	3450.00	14.73	80.98
6.50	78.57	45.32	3900.00	3781.1	765.5	3750.00	12.96	85.92
7.00	78.86	44.56	4200.00	4185.7	825.4	4050.00	9.29	81.60
7.50	78.49	44.32	4500.00	4516.5	920.9	4350.00	7.83	73.90
8.00	78.23	44.26	4800.00	4823.2	1006.3	4650.00	7.24	74.46
8.50	77.91	44.40	5100.00	5093.6	1092.4	4950.00	6.45	72.35
9.00	77.75	44.66	5400.00	5341.3	1161.1	5250.00	5.84	74.51
9.50	78.65	45.12	5700.00	5566.5	1118.9	5550.00	5.21	100.66
10.00	79.32	45.43	6000.00	5809.7	1097.2	5850.00	5.55	95.10

C-A 7/18/75 FLIGHT NO. 4 17:03 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-	HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
0.00	0.00	0.00	0.00	0.0	0.0			
0.50	5.32	37.12	300.00	36.8	394.8	150.00	9.01	5.32
1.00	7.75	34.49	600.00	1[illegible]7.8	865.6	450.00	10.86	9.77
1.50	7.42	34.38	900.00	169.9	1304.7	750.00	10.05	6.77
2.00	13.00	34.28	1200.00	396.0	1715.8	1050.00	10.66	28.82
2.50	13.46	34.03	1500.00	5[illegible]7.1	2160.9	1350.00	10.48	15.22
3.00	12.07	34.30	1800.00	5[illegible]1.8	2581.0	1650.00	9.58	4.72
3.50	6.62	35.73	2100.00	3[illegible]6.6	2900.5	1950.00	8.76	326.09

C-A 7/19/75 FLIGHT NO. 1 05:10 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-
0.00	0.00	0.00	0.00	0.0	0.0
0.50	73.11	72.52	300.00	90.5	27.5
1.00	72.39	79.48	600.00	106.3	33.8
1.50	346.18	83.70	900.00	-23.9	96.7
2.00	321.06	74.39	1200.00	-211.2	260.8
2.50	295.18	68.00	1500.00	-549.1	257.5
3.00	294.15	62.28	1800.00	-863.8	386.3
3.50	293.02	57.44	2100.00	-1235.2	523.4
4.00	292.48	55.01	2400.00	-1553.4	641.1
4.50	291.94	52.96	2700.00	-1891.4	759.8
5.00	293.62	53.15	3000.00	-2061.6	899.2
5.50	296.31	55.51	3300.00	-2034.1	1003.3
6.00	299.93	58.42	3600.00	-1919.8	1102.7
6.50	303.02	63.31	3900.00	-1645.9	1067.3
7.00	304.28	67.59	4200.00	-1433.0	974.7
7.50	307.16	71.59	4500.00	-1195.5	904.3
8.00	314.03	75.00	4800.00	-926.6	893.8
8.50	326.91	77.68	5100.00	-599.7	918.1
9.00	346.18	79.58	5400.00	-238.7	965.4
9.50	6.08	79.59	5700.00	111.1	1042.8
10.00	21.42	78.16	6000.00	459.9	1172.5

HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
150.00	2.15	73.11
450.00	0.39	68.40
750.00	3.29	295.84
1050.00	5.66	311.28
1350.00	7.68	269.49
1650.00	7.73	292.31
1950.00	9.00	290.32
2250.00	7.71	290.35
2550.00	8.14	289.41
2850.00	5.00	309.38
3150.00	2.45	14.82
3450.00	3.44	48.99
3750.00	6.28	97.38
4050.00	5.28	113.54
4350.00	5.63	106.54
4650.00	6.12	92.23
4950.00	7.45	85.78
5250.00	8.28	82.54
5550.00	8.14	77.54
5850.00	8.46	69.62

C-A 7/19/75 FLIGHT NO. 2 08:00 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-	HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
0.00	0.00	0.00	0.00	0.0	0.0			
0.50	269.28	80.04	300.00	-52.8	-0.7	150.00	1.20	269.28
1.00	305.32	77.42	600.00	-109.5	77.4	450.00	2.19	324.08
1.50	332.31	76.39	900.00	-101.6	193.0	750.00	2.63	3.90
2.00	341.22	68.69	1200.00	-151.3	443.3	1050.00	5.80	348.83
2.50	342.33	65.70	1500.00	-206.4	645.5	1350.00	4.76	344.81
3.00	344.38	64.52	1800.00	-232.0	826.3	1650.00	4.15	352.01
3.50	347.28	67.02	2100.00	-197.2	869.0	1950.00	1.25	39.22
4.00	343.88	71.86	2400.00	-219.3	755.7	2250.00	2.62	191.10
4.50	339.18	77.22	2700.00	-218.6	572.9	2550.00	4.16	179.79
5.00	330.84	82.48	3000.00	-193.7	346.3	2850.00	5.18	173.78
5.50	319.39	86.96	3300.00	-114.8	133.6	3150.00	5.16	159.68
6.00	999.00	999.00	3600.00	999.0	999.0	3450.00	999.00	999.00
6.50	999.00	999.00	3900.00	999.0	999.0	3750.00	999.00	999.00
7.00	154.51	82.35	4200.00	243.5	-510.1	4050.00	999.00	999.00
7.50	149.40	79.98	4500.00	405.7	-685.2	4350.00	5.42	137.22
8.00	146.83	78.10	4800.00	554.5	-847.5	4650.00	5.00	137.50
8.50	144.00	76.71	5100.00	698.3	-960.2	4950.00	4.15	128.11
9.00	142.28	75.99	5400.00	825.7	-1066.5	5250.00	3.77	129.88
9.50	139.67	75.18	5700.00	977.6	-1150.4	5550.00	3.94	118.93
10.00	134.62	74.10	6000.00	1218.2	-1201.1	5850.00	5.59	101.91

C-A 7/19/75 FLIGHT NO. 3 11:00 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-	HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
0.00	0.00	0.00	0.00	0.0	0.0			
0.50	169.12	80.43	300.00	9.6	-49.7	150.00	1.15	169.12
1.00	172.85	81.43	600.00	11.3	-89.9	450.00	0.91	177.56
1.50	157.83	76.51	900.00	81.7	-200.1	750.00	2.97	147.49
2.00	147.48	71.72	1200.00	213.4	-334.4	1050.00	4.28	135.57
2.50	137.96	68.64	1500.00	393.3	-435.8	1350.00	4.69	119.43
3.00	136.08	68.12	1800.00	502.0	-520.8	1650.00	3.14	128.06
3.50	131.20	69.07	2100.00	605.0	-529.1	1950.00	2.35	94.65
4.00	124.87	69.90	2400.00	721.3	-502.2	2250.00	2.71	76.97
4.50	119.33	71.08	2700.00	807.6	-453.4	2550.00	2.25	60.52
5.00	113.80	71.77	3000.00	904.9	-398.7	2850.00	2.54	60.69
5.50	111.12	71.71	3300.00	1018.4	-393.0	3150.00	2.58	87.11
6.00	107.19	72.34	3600.00	1096.0	-338.6	3450.00	2.15	54.99
6.50	114.21	72.18	3900.00	1144.5	-514.1	3750.00	4.14	164.56
7.00	97.67	71.68	4200.00	1379.4	-185.3	4050.00	9.18	35.54
7.50	91.63	71.81	4500.00	1479.2	-41.6	4350.00	3.98	34.82

C-A 7/20/75 FLIGHT NO. 1 05:11 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-	HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
0.00	0.00	0.00	0.00	0.0	0.0			
0.50	156.12	71.91	300.00	39.7	-89.7	150.00	2.23	156.12
1.00	183.92	65.38	600.00	-18.6	-274.5	450.00	4.41	197.57
1.50	197.95	62.22	900.00	-145.9	-451.4	750.00	4.95	215.77
2.00	207.16	57.78	1200.00	-344.9	-673.4	1050.00	6.78	221.91
2.50	208.97	55.59	1500.00	-497.2	-899.6	1350.00	6.20	214.00
3.00	212.81	54.82	1800.00	-687.0	-1067.3	1650.00	5.76	228.58
3.50	219.07	55.13	2100.00	-921.8	-1137.2	1950.00	5.57	253.47
4.00	226.61	54.52	2400.00	-1242.7	-1176.5	2250.00	7.35	263.07
4.50	232.88	53.06	2700.00	-1613.4	-1226.9	2550.00	8.62	262.42
5.00	236.71	50.84	3000.00	-2042.0	-1343.1	2850.00	9.98	254.70
5.50	240.50	50.16	3300.00	-2396.1	-1358.2	3150.00	8.06	267.61
6.00	244.12	49.80	3600.00	-2737.0	-1330.5	3450.00	7.77	274.69
6.50	247.72	49.39	3900.00	-3094.2	-1270.7	3750.00	8.23	279.56
7.00	251.02	49.46	4200.00	-3397.1	-1171.5	4050.00	7.24	288.19
7.50	254.08	50.43	4500.00	-3576.5	-1023.4	4350.00	5.29	309.61
8.00	256.33	52.13	4800.00	-3627.5	-885.5	4650.00	3.34	339.77
8.50	257.73	53.88	5100.00	-3637.4	-794.3	4950.00	2.08	353.86
9.00	258.72	55.40	5400.00	-3654.1	-732.1	5250.00	1.46	345.07
9.50	259.51	57.05	5700.00	-3633.7	-676.0	5550.00	1.35	19.94
10.00	260.48	58.68	6000.00	-3601.7	-607.2	5850.00	1.73	24.96

C-A 7/20/75 FLIGHT NO. 2 08:00 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-
0.00	0.00	0.00	0.00	0.0	0.0
0.50	206.50	58.00	300.00	-83.6	-167.9
1.00	999.00	999.00	600.00	999.0	999.0
1.50	999.00	999.00	900.00	999.0	999.0
2.00	176.32	49.85	1200.00	65.6	-1010.5
2.50	185.68	47.38	1500.00	-135.8	-1374.0
3.00	192.37	45.63	1800.00	-376.2	-1720.7
3.50	194.42	44.21	2100.00	-536.4	-2091.7
4.00	193.22	43.57	2400.00	-575.6	-2457.1
4.50	191.31	43.58	2700.00	-554.8	-2783.3
5.00	191.40	44.40	3000.00	-603.8	-3004.3
5.50	192.21	45.28	3300.00	-689.3	-3195.4
6.00	193.05	46.08	3600.00	-780.9	-3378.8
6.50	194.77	46.92	3900.00	-927.8	-3528.2
7.00	196.58	48.20	4200.00	-1069.6	-3600.9
7.50	197.83	49.50	4500.00	-1174.8	-3660.7
8.00	199.43	51.36	4800.00	-1274.6	-3620.8
8.50	200.52	53.51	5100.00	-1320.5	-3535.2
9.00	200.16	56.38	5400.00	-1235.7	-3372.7
9.50	198.10	59.42	5700.00	-1044.8	-3203.7
10.00	195.41	61.82	6000.00	-852.6	-3101.0

HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
150.00	4.26	206.50
450.00	999.00	999.00
750.00	999.00	999.00
1050.00	999.00	999.00
1350.00	9.45	209.03
1650.00	9.59	214.78
1950.00	9.18	203.39
2250.00	8.35	186.15
2550.00	7.43	176.40
2850.00	5.14	192.53
3150.00	4.76	204.15
3450.00	4.66	206.57
3750.00	4.76	224.56
4050.00	3.62	242.88
4350.00	2.75	240.44
4650.00	2.44	291.86
4950.00	2.21	331.83
5250.00	4.17	27.56
5550.00	5.79	48.50
5850.00	4.95	61.89

C-A 7/20/75 FLIGHT NO. 3 11:00

RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-	HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
0.00	0.00	0.00	0.00	0.0	0.0			
0.50	256.68	46.03	300.00	-281.6	-66.9	150.00	6.58	256.68
1.00	271.60	52.32	600.00	-463.4	12.5	450.00	4.51	293.67
1.50	269.89	52.70	900.00	-685.9	-1.9	750.00	5.07	266.33
2.00	999.00	999.00	1200.00	999.0	999.0	1050.00	999.00	999.00
2.50	271.16	48.54	1500.00	-685.9	-1.9	1350.00	999.00	999.00
3.00	999.00	999.00	1800.00	999.0	999.0	1650.00	999.00	999.00
3.50	273.18	47.01	2100.00	-1955.3	106.9	1950.00	999.00	999.00
4.00	273.11	47.58	2400.00	-2190.6	117.0	2250.00	5.35	272.53
4.50	272.51	48.42	2700.00	-2394.1	102.8	2550.00	4.64	266.04
5.00	272.52	49.72	3000.00	-2540.9	109.5	2850.00	3.34	272.68
5.50	272.48	51.18	3300.00	-2653.7	112.5	3150.00	2.57	271.58
6.00	273.03	52.85	3600.00	-2724.9	141.8	3450.00	1.75	292.37
6.50	999.00	999.00	3900.00	999.0	999.0	3750.00	999.00	999.00
7.00	281.30	56.15	4200.00	-2764.0	549.6	4050.00	999.00	999.00
7.50	289.12	61.52	4500.00	-2308.5	797.8	4350.00	11.79	61.43
8.00	294.12	62.52	4800.00	-2280.8	1018.5	4650.00	5.06	7.16
8.50	304.31	66.50	5100.00	-1834.0	1248.9	4950.00	11.42	62.73

C-A 7/20/75 FLIGHT NO. 4 17:25

RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-	HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
0.00	0.00	0.00	0.00	0.0	0.0			
0.50	221.14	15.28	300.00	-722.0	-827.7	150.00	24.96	221.14
1.00	220.02	15.42	600.00	-1397.9	-1667.2	450.00	24.50	218.88
1.50	221.63	14.95	900.00	-2237.8	-2521.5	750.00	27.23	224.56
2.00	222.68	14.91	1200.00	-3053.3	-3316.0	1050.00	25.88	225.79
2.50	223.68	14.74	1500.00	-3935.3	-4127.0	1350.00	27.23	227.45
3.00	224.36	14.90	1800.00	-4727.1	-4841.1	1650.00	24.23	228.00
3.50	224.24	15.05	2100.00	-5445.7	-5600.4	1950.00	23.76	223.46
4.00	223.49	15.34	2400.00	-6017.8	-6353.0	2250.00	21.48	217.28
4.50	222.93	15.70	2700.00	-6538.5	-7039.3	2550.00	19.58	217.23
5.00	222.38	16.37	3000.00	-6879.8	-7550.7	2850.00	13.97	213.75
5.50	221.38	17.08	3300.00	-7095.3	-8065.6	3150.00	12.69	202.75
6.00	220.65	17.86	3600.00	-7273.5	-8483.6	3450.00	10.33	203.12
6.50	220.02	19.18	3900.00	-7205.1	-8593.2	3750.00	2.94	148.09
7.00	219.67	20.18	4200.00	-7290.1	-8803.3	4050.00	5.15	202.07
7.50	218.97	21.20	4500.00	-7291.5	-9027.2	4350.00	5.09	180.39
8.00	217.89	22.77	4800.00	-7016.1	-9031.7	4650.00	6.21	90.98
8.50	217.10	23.68	5100.00	-7009.7	-9282.2	4950.00	5.70	178.11
9.00	215.44	25.18	5400.00	-6654.9	-9364.6	5250.00	8.28	103.10
9.50	212.54	27.55	5700.00	-5872.0	-9217.2	5550.00	18.11	79.35
10.00	209.53	29.64	6000.00	-5192.1	-9180.6	5850.00	15.47	86.94

C-A 7/21/75 FLIGHT NO. 1 05:15

RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-	HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
0.00	0.00	0.00	0.00	0.0	0.0			
0.50	42.20	67.30	300.00	64.3	93.0	150.00	2.85	42.20
1.00	50.40	56.70	600.00	303.8	251.4	450.00	6.15	54.20
1.50	53.65	49.63	900.00	618.0	451.6	750.00	8.47	57.50
2.00	53.49	44.18	1200.00	992.7	735.1	1050.00	10.68	52.90
2.50	56.82	39.58	1500.00	1518.9	993.6	1350.00	13.32	63.85
3.00	57.51	37.54	1800.00	1976.1	1258.9	1650.00	12.01	59.88
3.50	58.08	36.49	2100.00	2410.0	1501.9	1950.00	11.30	60.77
4.00	57.37	35.88	2400.00	2794.6	1790.0	2250.00	10.92	53.17
4.50	54.93	35.12	2700.00	3142.3	2206.8	2550.00	12.34	39.84
5.00	52.41	34.20	3000.00	3498.3	2694.0	2850.00	13.71	36.16
5.50	50.66	33.65	3300.00	3834.5	3144.1	3150.00	12.77	36.77
6.00	49.78	33.16	3600.00	4207.5	3559.3	3450.00	12.69	41.94
6.50	49.19	32.93	3900.00	4558.1	3937.1	3750.00	11.71	42.87
7.00	49.02	32.95	4200.00	4892.3	4251.2	4050.00	10.43	46.79
7.50	49.00	33.48	4500.00	5135.5	4465.7	4350.00	7.37	48.60
8.00	49.02	34.45	4800.00	5282.9	4590.6	4650.00	4.39	49.72
8.50	48.71	35.48	5100.00	5376.9	4723.5	4950.00	3.70	35.25
9.00	48.44	36.63	5400.00	5435.3	4820.5	5250.00	2.57	31.11
9.50	48.10	37.75	5700.00	5480.0	4918.5	5550.00	2.45	24.50
10.00	48.20	38.88	6000.00	5547.9	4962.0	5850.00	1.83	57.37

C-A 7/21/75 FLIGHT NO. 2 08:55

RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-	HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
0.00	0.00	0.00	0.00	0.0	0.0			
0.50	35.55	65.60	300.00	79.2	110.8	150.00	3.09	35.55
1.00	19.18	63.26	600.00	99.3	285.7	450.00	4.00	6.59
1.50	7.73	64.40	900.00	58.0	427.5	750.00	3.36	343.82
2.00	0.15	70.87	1200.00	1.1	416.6	1050.00	1.32	259.14
2.50	999.00	999.00	1500.00	999.0	999.0	1350.00	999.00	999.00
3.00	58.40	61.25	1800.00	236.4	145.5	1650.00	999.00	999.00
3.50	89.15	76.35	2100.00	510.5	7.7	1950.00	6.97	116.70
4.00	96.28	69.09	2400.00	912.1	-100.1	2250.00	9.45	105.05
4.50	96.59	62.87	2700.00	1375.1	-158.4	2550.00	10.60	97.20
5.00	97.23	59.75	3000.00	1736.5	-219.7	2850.00	8.33	99.65
5.50	85.63	57.24	3300.00	2118.1	162.5	3150.00	12.27	44.96
6.00	94.02	55.85	3600.00	2437.0	-170.5	3450.00	10.48	136.26
6.50	94.42	55.23	3900.00	2700.6	-207.9	3750.00	6.05	98.09
7.00	95.53	55.16	4200.00	2911.0	-280.9	4050.00	5.06	109.16
7.50	97.38	56.71	4500.00	2931.7	-378.8	4350.00	2.27	168.13
8.00	99.38	56.30	4800.00	3159.8	-520.9	4650.00	6.11	121.95
8.50	100.90	56.61	5100.00	3302.5	-634.8	4950.00	4.15	128.64
9.00	101.71	56.78	5400.00	3464.4	-716.9	5250.00	4.13	116.89
9.50	102.86	57.17	5700.00	3586.9	-818.9	5550.00	3.62	129.83
10.00	104.85	57.48	6000.00	3699.5	-979.5	5850.00	4.46	144.99

C-A 7/21/75 FLIGHT NO. 3 10:55

RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-
0.00	0.00	0.00	0.00	0.0	0.0
0.50	145.50	34.35	300.00	248.9	-361.7
1.00	148.04	39.11	600.00	391.1	-626.1
1.50	138.35	45.93	900.00	579.5	-650.9
2.00	129.22	50.80	1200.00	758.7	-618.7
2.50	130.04	56.32	1500.00	765.9	-643.0
3.00	136.05	61.50	1800.00	678.9	-703.7
3.50	142.00	62.40	2100.00	676.6	-865.2
4.00	148.05	64.15	2400.00	616.1	-986.9
4.50	140.69	68.75	2700.00	666.0	-812.6
5.00	148.35	72.69	3000.00	491.4	-796.3
5.50	156.25	75.59	3300.00	342.2	-776.7
6.00	164.57	77.58	3600.00	211.6	-765.1
6.50	162.21	79.57	3900.00	220.0	-684.5
7.00	147.03	81.72	4200.00	333.5	-513.6
7.50	120.45	80.65	4500.00	639.9	-375.9
8.00	110.58	79.39	4800.00	843.1	-316.2
8.50	104.92	78.88	5100.00	970.1	-258.1
9.00	103.62	79.38	5400.00	985.6	-236.4
9.50	100.59	80.00	5700.00	989.5	-184.7
10.00	96.85	80.57	6000.00	991.1	-118.7

HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
150.00	9.98	145.50
450.00	6.82	151.76
750.00	4.32	97.52
1050.00	4.14	79.82
1350.00	0.58	163.64
1650.00	2.41	235.15
1950.00	3.67	180.84
2250.00	3.09	206.49
2550.00	4.12	15.97
2850.00	3.99	275.38
3150.00	3.42	277.54
3450.00	2.98	275.15
3750.00	1.84	5.96
4050.00	4.66	33.60
4350.00	7.64	65.81
4650.00	4.81	73.65
4950.00	3.17	65.42
5250.00	0.57	38.26
5550.00	1.23	4.22
5850.00	1.50	1.34

C-A 7/21/75 FLIGHT NO. 4 17:58

RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-
0.00	0.00	0.00	0.00	0.0	0.0
0.50	93.39	23.52	300.00	688.2	-40.6
1.00	96.18	19.38	600.00	1696.2	-183.1
1.50	98.09	18.54	900.00	2657.5	-376.9
2.00	99.57	18.40	1200.00	3558.0	-598.7
2.50	100.43	18.52	1500.00	4405.0	-809.3
3.00	102.32	19.21	1800.00	5048.4	-1100.8
3.50	104.24	19.96	2100.00	5606.2	-1420.7
4.00	106.58	21.35	2400.00	5886.4	-1750.3
4.50	108.55	23.04	2700.00	6020.6	-2017.9
5.00	110.48	25.00	3000.00	6029.0	-2249.3
5.50	111.63	27.18	3300.00	5976.3	-2367.3
6.00	112.93	29.80	3600.00	5791.5	-2447.5
6.50	115.38	31.84	3900.00	5676.5	-2690.3
7.00	118.10	33.85	4200.00	5526.4	-2948.1
7.50	121.21	35.43	4500.00	5412.3	-3276.2
8.00	124.66	36.60	4800.00	5319.1	-3674.4
8.50	127.31	37.80	5100.00	5232.5	-3984.0
9.00	129.28	38.76	5400.00	5209.4	-4257.1
9.50	131.63	39.20	5700.00	5227.2	-4641.8
10.00	133.37	39.54	6000.00	5287.1	-4990.2

HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
150.00	15.67	93.39
450.00	23.14	98.07
750.00	22.29	101.41
1050.00	21.08	103.86
1350.00	19.84	103.99
1650.00	16.05	114.39
1950.00	14.61	119.86
2250.00	9.83	139.66
2550.00	6.80	153.59
2850.00	5.26	177.96
3150.00	2.94	204.12
3450.00	4.58	246.59
3750.00	6.11	205.38
4050.00	6.78	210.25
4350.00	7.89	199.21
4650.00	9.30	193.21
4950.00	7.31	195.67
5250.00	6.23	184.86
5550.00	8.75	177.38
5850.00	8.03	170.28

C-A 7/22/75 FLIGHT NO. 1 04:58

RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-	HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
0.00	0.00	0.00	0.00	0.0	0.0			
0.50	79.50	74.30	300.00	83.0	15.4	150.00	1.92	79.50
1.00	55.70	77.75	600.00	107.7	73.5	450.00	1.44	23.07
1.50	72.85	74.25	900.00	242.7	75.0	750.00	3.07	89.40
2.00	80.28	70.30	1200.00	423.8	72.7	1050.00	4.11	90.74
2.50	81.52	65.78	1500.00	657.7	99.7	1350.00	5.58	83.69
3.00	82.38	59.25	1800.00	1051.9	142.4	1650.00	9.01	83.84
3.50	81.35	53.51	2100.00	1536.2	234.1	1950.00	10.98	79.07
4.00	80.23	49.85	2400.00	1995.8	344.2	2250.00	10.74	76.55
4.50	78.91	48.21	2700.00	2358.8	465.0	2550.00	8.91	72.08
5.00	78.47	46.67	3000.00	2773.6	566.6	2850.00	9.49	75.92
5.50	78.75	45.54	3300.00	3176.9	632.8	3150.00	9.29	80.69
6.00	79.72	44.80	3600.00	3557.9	648.1	3450.00	8.89	87.78
6.50	80.82	44.29	3900.00	3947.7	639.0	3750.00	8.63	91.38
7.00	83.12	43.13	4200.00	4452.3	538.5	4050.00	11.70	101.29
7.50	84.96	42.00	4500.00	4979.7	440.6	4350.00	12.19	100.53
8.00	86.72	41.22	4800.00	5471.6	315.1	4650.00	11.54	104.33
8.50	88.63	40.92	5100.00	5833.3	142.4	4950.00	10.15	112.78
9.00	90.27	40.66	5400.00	6263.6	-27.8	5250.00	9.99	112.80
9.50	91.43	40.31	5700.00	6718.6	-165.7	5550.00	10.26	107.80
10.00	92.12	39.97	6000.00	7155.2	-262.7	5850.00	10.17	102.55

C-A 7/22/75 FLIGHT NO. 2 09:00

RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-	HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
0.00	0.00	0.00	0.00	0.0	0.0			
						150.00	2.78	315.50
0.50	315.50	67.80	300.00	-86.0	87.3			
						450.00	3.85	355.27
1.00	338.72	65.38	600.00	-100.1	256.2			
						750.00	3.63	7.14
1.50	349.11	64.87	900.00	-80.3	414.7			
						1050.00	3.28	24.83
2.00	358.01	65.54	1200.00	-19.6	545.8			
						1350.00	6.06	67.08
2.50	19.17	65.38	1500.00	225.8	649.7			
						1650.00	9.53	81.48
3.00	41.98	62.00	1800.00	640.4	711.9			
						1950.00	10.24	87.58
3.50	56.17	58.00	2100.00	1090.4	731.1			
						2250.00	10.81	91.26
4.00	65.30	54.32	2400.00	1566.1	720.7			
						2550.00	10.10	99.54
4.50	72.12	52.05	2700.00	2004.5	647.2			
						2850.00	12.45	109.16
5.00	79.51	49.48	3000.00	2521.9	467.6			
						3150.00	15.30	114.29
5.50	86.53	46.42	3300.00	3135.5	191.0			
						3450.00	17.49	120.89
6.00	93.09	43.45	3600.00	3795.9	-203.7			
						3750.00	16.35	115.08
6.50	96.54	41.07	3900.00	4447.6	-508.5			
						4050.00	16.52	109.28
7.00	98.31	39.00	4200.00	5133.7	-748.1			
						4350.00	17.15	107.47
7.50	99.47	37.18	4500.00	5853.8	-974.5			
						4650.00	15.54	110.29
8.00	100.57	36.04	4800.00	6487.0	-1208.3			
						4950.00	14.03	108.66
8.50	101.26	35.28	5100.00	7071.8	-1405.5			
						5250.00	6.72	103.80
9.00	101.36	35.74	5400.00	7359.1	-1476.0			
						5550.00	12.38	98.11
9.50	101.14	35.31	5700.00	7698.3	-1552.6			
						5850.00	18.39	94.89
10.00	100.57	34.13	6000.00	8704.4	-1621.3			

C-A 7/22/75 FLIGHT NO. 3 11:00 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-	HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
0.00	0.00	0.00	0.00	8704.4	-1621.3			
0.50	999.00	999.00	300.00	999.0	999.0	150.00	999.00	999.00
1.00	77.14	41.55	600.00	660.1	150.9	450.00	999.00	999.00
1.50	79.72	41.42	900.00	963.1	337.1	750.00	8.08	58.43
2.00	73.91	43.96	1200.00	1195.9	345.3	1050.00	5.29	88.02
2.50	77.15	46.50	1500.00	1368.1	317.0	1350.00	4.42	98.38
3.00	81.88	49.45	1800.00	1525.1	218.0	1650.00	3.84	125.89
3.50	84.05	49.18	2100.00	1804.7	188.6	1950.00	6.39	96.02
4.00	85.67	49.59	2400.00	2038.1	154.9	2250.00	5.36	98.24
4.50	86.03	49.26	2700.00	2320.8	161.7	2550.00	6.43	88.63
5.00	85.68	49.50	3000.00	2555.8	193.8	2850.00	5.39	82.24
5.50	85.65	49.32	3300.00	2829.1	216.0	3150.00	6.23	85.37
6.00	85.97	47.35	3600.00	3308.9	234.1	3450.00	10.91	87.86
6.50	86.38	45.53	3900.00	3821.9	242.9	3750.00	11.66	89.03
7.00	87.91	44.11	4200.00	4330.9	159.3	4050.00	11.72	99.35
7.50	89.39	43.10	4500.00	4809.9	52.6	4350.00	11.15	102.57
8.00	90.68	42.33	4800.00	5270.7	-61.0	4650.00	10.79	103.87
8.50	91.98	41.84	5100.00	5694.3	-195.1	4950.00	10.10	107.59
9.00	92.60	41.38	5400.00	6124.9	-276.3	5250.00	9.96	100.69
9.50	92.81	41.13	5700.00	6521.2	-318.1	5550.00	9.06	96.04
10.00	93.12	41.00	6000.00	6894.0	-373.7	5850.00	8.57	98.50

C-A 7/22/75 FLIGHT NO. 4 17:00 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-	HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
0.00	0.00	0.00	0.00	0.0	0.0			
0.50	136.10	45.90	300.00	201.7	-209.5	150.00	6.61	136.10
1.00	133.49	41.91	600.00	485.3	-460.0	450.00	8.60	131.48
1.50	131.85	41.18	900.00	766.8	-686.2	750.00	8.21	128.81
2.00	130.68	40.13	1200.00	1080.2	-927.7	1050.00	8.99	127.64
2.50	133.37	40.08	1500.00	1296.7	-1223.9	1350.00	8.34	143.87
3.00	135.25	41.21	1800.00	1448.1	-1459.5	1650.00	6.36	147.31
3.50	136.71	42.24	2100.00	1587.0	-1683.2	1950.00	5.99	148.18
4.00	137.67	41.88	2400.00	1803.9	-1978.6	2250.00	8.33	143.74
4.50	138.19	43.33	2700.00	1909.6	-2133.1	2550.00	4.25	145.65
5.00	139.18	43.58	3000.00	2062.4	-2385.5	2850.00	6.71	148.83
5.50	139.41	43.81	3300.00	2240.1	-2612.0	3150.00	6.54	141.93
6.00	139.15	44.94	3600.00	2361.6	-2728.6	3450.00	3.83	133.83
6.50	138.90	46.21	3900.00	2459.7	-2817.1	3750.00	3.00	132.06
7.00	137.89	47.87	4200.00	2549.5	-2818.0	4050.00	2.04	90.65
7.50	136.92	49.56	4500.00	2621.7	-2801.0	4350.00	1.68	76.71
8.00	134.88	50.90	4800.00	2766.3	-2752.3	4650.00	3.47	71.39
8.50	133.58	51.55	5100.00	2935.7	-2791.2	4950.00	3.95	102.98
9.00	132.68	51.87	5400.00	3118.4	-2873.1	5250.00	4.55	114.15
9.50	132.52	52.51	5700.00	3224.9	-2954.6	5550.00	3.05	127.45
10.00	132.13	53.09	6000.00	3344.7	-3022.7	5850.00	3.13	119.65

C-A 7/23/75 FLIGHT NO. 1 05:15

RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-
0.00	0.00	0.00	0.00	0.0	0.0
0.50	343.45	62.65	300.00	-44.4	148.8
1.00	309.38	65.10	600.00	-215.6	176.6
1.50	288.93	63.46	900.00	-425.6	145.5
2.00	268.93	58.75	1200.00	-728.4	-14.2
2.50	262.05	53.41	1500.00	-1103.2	-155.0
3.00	262.55	51.59	1800.00	-1415.5	-186.3
3.50	265.97	50.68	2100.00	-1716.3	-122.4
4.00	268.52	50.73	2400.00	-1962.2	-52.4
4.50	269.83	50.67	2700.00	-2213.0	-8.5
5.00	268.38	50.65	3000.00	-2459.6	-71.7
5.50	266.02	51.00	3300.00	-2666.6	-187.9
6.00	262.03	52.35	3600.00	-2751.2	-387.6
6.50	257.52	54.09	3900.00	-2758.0	-612.9
7.00	255.40	55.34	4200.00	-2810.6	-734.6
7.50	253.63	57.19	4500.00	-2784.0	-820.3
8.00	250.62	59.29	4800.00	-2690.0	-948.7
8.50	246.33	61.65	5100.00	-2520.6	-1107.3
9.00	238.74	64.42	5400.00	-2209.8	-1343.8
9.50	229.15	66.33	5700.00	-1889.9	-1636.7
10.00	215.64	67.49	6000.00	-1448.3	-2023.1

HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
150.00	3.53	343.45
450.00	3.94	279.28
750.00	4.82	261.63
1050.00	7.78	242.23
1350.00	9.10	249.46
1650.00	7.13	264.33
1950.00	6.99	282.05
2250.00	5.81	285.94
2550.00	5.79	279.98
2850.00	5.79	255.67
3150.00	5.39	240.75
3450.00	4.93	203.00
3750.00	5.12	181.75
4050.00	3.01	203.42
4350.00	2.04	162.81
4650.00	3.62	143.83
4950.00	5.27	133.14
5250.00	8.88	127.29
5550.00	9.86	132.49
5850.00	13.33	131.22

C-A 7/23/75 FLIGHT NO. 2 08:00 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-	HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
0.00	0.00	0.00	0.00	-1448.3	-2023.1			
0.50	999.00	999.00	300.00	999.0	999.0	150.00	999.00	999.00
1.00	216.30	80.40	600.00	-60.1	-82.0	450.00	999.00	999.00
1.50	224.46	79.73	900.00	-114.3	-116.6	750.00	1.46	237.42
2.00	212.94	77.54	1200.00	-144.2	-222.9	1050.00	2.51	195.75
2.50	206.45	77.97	1500.00	-142.4	-286.7	1350.00	1.45	178.39
3.00	192.65	75.86	1800.00	-99.1	-443.0	1650.00	3.69	164.57
3.50	189.19	73.10	2100.00	-101.6	-630.4	1950.00	4.26	180.79
4.00	187.05	70.74	2400.00	-102.5	-832.9	2250.00	4.60	180.29
4.50	186.22	68.90	2700.00	-112.3	-1036.5	2550.00	4.63	182.80
5.00	185.96	67.37	3000.00	-129.2	-1244.7	2850.00	4.75	184.66
5.50	185.27	65.85	3300.00	-135.1	-1474.3	3150.00	5.22	181.51
6.00	183.13	64.40	3600.00	-93.2	-1723.3	3450.00	5.74	170.48
6.50	180.29	63.26	3900.00	-8.8	-1965.9	3750.00	5.84	160.85
7.00	175.87	62.31	4200.00	160.1	-2199.4	4050.00	6.55	144.15
7.50	169.33	60.97	4500.00	464.0	-2455.2	4350.00	9.03	130.11
8.00	164.27	57.93	4800.00	817.3	-2895.7	4650.00	12.83	141.30
8.50	160.78	54.25	5100.00	1210.9	-3467.5	4950.00	15.78	145.48
9.00	158.39	50.64	5400.00	1634.0	-4118.5	5250.00	17.65	147.01
9.50	156.41	47.58	5700.00	2087.5	-4773.6	5550.00	18.11	145.33
10.00	155.30	44.92	6000.00	2517.8	-5466.6	5850.00	18.54	148.19

C-A 7/23/75 FLIGHT NO. 3 11:05 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-	HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
0.00	0.00	0.00	0.00	0.0	0.0			
						150.00	10.27	151.40
0.50	151.40	33.58	300.00	216.6	-396.7			
						450.00	13.63	161.43
1.00	157.12	29.80	600.00	407.9	-965.2			
						750.00	16.37	164.63
1.50	160.18	27.03	900.00	599.1	-1659.6			
						1050.00	22.70	165.77
2.00	162.20	23.50	1200.00	845.2	-2627.8			
						1350.00	22.29	165.90
2.50	163.17	21.86	1500.00	1084.7	-3578.9			
						1650.00	24.16	161.86
3.00	162.88	20.55	1800.00	1416.2	-4589.0			
						1950.00	24.99	162.34
3.50	162.78	19.59	2100.00	1750.2	-5636.5			
						2250.00	20.25	170.34
4.00	163.77	19.48	2400.00	1900.2	-6514.8			
						2550.00	11.87	181.77
4.50	165.04	20.34	2700.00	1884.4	-7037.0			
						2850.00	11.81	184.72
5.00	166.33	21.10	3000.00	1841.9	-7555.0			
						3150.00	6.39	181.40
5.50	166.85	22.30	3300.00	1835.2	-7835.9			
						3450.00	8.64	173.52
6.00	167.15	23.14	3600.00	1878.4	-8213.5			
						3750.00	11.72	166.80
6.50	167.13	23.57	3900.00	1996.4	-8715.7			
						4050.00	16.78	166.34
7.00	167.07	23.46	4200.00	2171.2	-9433.2			
						4350.00	15.60	160.11
7.50	166.61	23.48	4500.00	2405.0	-10078.4			
						4650.00	15.02	155.21
8.00	165.93	23.56	4800.00	2682.5	-10678.3			
						4950.00	8.90	134.22
8.50	164.89	24.21	5100.00	2963.3	-10951.3			
						5250.00	10.08	110.52
9.00	163.11	24.95	5400.00	3378.9	-11106.7			
						5550.00	11.03	134.95
9.50	162.02	25.34	5700.00	3722.5	-11449.4			
						5850.00	10.07	117.51
10.00	160.58	25.90	6000.00	4115.5	-11653.9			

C-A 7/23/75 FLIGHT NO. 4 17:00 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-	HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
0.00	0.00	0.00	C.00	0.0	0.0			
0.50	126.98	32.67	30C.00	373.9	-281.3	150.00	10.64	126.98
1.00	197.25	33.41	600.00	-269.2	-869.1	450.00	19.80	227.62
1.50	193.88	33.91	900.00	-320.4	-1300.3	750.00	9.87	186.81
2.00	189.64	34.21	120C.00	-294.6	-1740.8	1050.00	10.03	176.67
2.50	186.22	33.90	150C.00	-240.6	-2219.8	1350.00	10.96	173.60
3.00	182.78	34.76	180C.00	-124.3	-2591.4	1650.00	8.85	162.65
3.50	180.21	34.52	2100.00	-9.4	-3054.0	1950.00	10.83	166.08
4.00	179.03	33.34	240C.00	63.9	-3648.4	2250.00	13.61	173.00
4.50	176.42	32.42	2700.00	268.0	-4243.8	2550.00	14.30	161.11
5.00	174.86	31.79	3000.00	436.5	-4821.8	2850.00	13.68	163.78
5.50	173.02	31.41	330C.00	659.9	-5365.0	3150.00	13.35	157.67
6.00	171.79	31.22	3600.00	851.7	-5879.6	3450.00	12.48	159.59
6.50	171.33	30.95	390C.00	978.6	-6431.0	3750.00	12.86	167.07
7.00	171.12	31.11	420C.00	1078.5	-6877.2	4050.00	10.39	167.42
7.50	170.28	30.91	450C.00	1273.4	-7409.1	4350.00	12.87	159.90
8.00	169.43	30.87	4800.00	1470.8	-7895.8	4650.00	11.94	157.95
8.50	168.95	30.66	510C.00	1652.7	-8437.9	4950.00	12.99	161.48
9.00	168.51	30.60	5400.00	1824.2	-8949.0	5250.00	12.25	161.48
9.50	167.96	30.55	570C.00	2020.2	-9446.0	5550.00	12.14	158.52
10.00	167.42	30.54	600C.00	2221.0	-9926.6	5850.00	11.84	157.35

C-A 7/24/75 FLIGHT NO. 1 05:00

RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-	HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
0.00	0.00	0.00	0.00	0.0	0.0			
						150.00	1.69	37.82
0.50	37.82	76.10	300.00	45.6	58.7			
						450.00	1.52	42.97
1.00	40.26	76.78	600.00	91.2	107.7			
						750.00	0.81	334.43
1.50	28.50	80.00	900.00	75.8	139.7			
						1050.00	1.56	175.44
2.00	48.82	84.87	1200.00	81.3	71.2			
						1350.00	2.25	233.92
2.50	5.40	89.53	1500.00	1.2	12.7			
						1650.00	3.33	253.63
3.00	258.40	85.50	1800.00	-139.2	-28.7			
						1950.00	3.58	227.95
3.50	242.37	82.17	2100.00	-256.3	-134.4			
						2250.00	4.79	210.31
4.00	228.93	78.68	2400.00	-362.5	-316.3			
						2550.00	4.41	202.37
4.50	221.38	76.27	2700.00	-436.2	-495.8			
						2850.00	4.35	191.87
5.00	214.88	74.51	3000.00	-475.4	-683.0			
						3150.00	3.70	202.92
5.50	212.93	73.28	3300.00	-558.8	-833.1			
						3450.00	3.40	220.42
6.00	213.91	72.43	3600.00	-635.8	-947.3			
						3750.00	2.97	193.96
6.50	211.89	72.05	3900.00	-667.2	-1074.1			
						4050.00	4.50	144.19
7.00	204.11	72.17	4200.00	-551.4	-1234.4			
						4350.00	4.85	138.92
7.50	196.45	72.10	4500.00	-411.0	-1395.4			
						4650.00	4.95	138.57
8.00	189.75	71.78	4800.00	-266.8	-1558.6			
						4950.00	4.96	126.27
8.50	183.12	71.68	5100.00	-91.0	-1687.5			
						5250.00	6.33	119.09
9.00	175.25	71.30	5400.00	152.5	-1822.8			
						5550.00	7.38	110.76
9.50	166.78	70.76	5700.00	456.4	-1937.9			
						5850.00	7.86	116.57
10.00	159.93	69.64	6000.00	765.7	-2092.5			

C-A 7/24/75 FLIGHT NO. 2 08:00 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-	HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
0.00	0.00	0.00	0.00	0.0	0.0			
0.50	232.80	48.55	3000.00	-211.0	-160.4	150.00	6.02	232.80
1.00	999.00	999.00	6000.00	999.0	999.0	450.00	999.00	999.00
1.50	194.43	55.44	9000.00	-154.2	-600.7	750.00	999.00	999.00
2.00	176.00	54.70	12000.00	59.8	-847.9	1050.00	7.43	139.15
2.50	164.83	51.28	15000.00	315.4	-1160.9	1350.00	9.19	140.79
3.00	157.36	49.62	18000.00	590.2	-1413.0	1650.00	8.48	132.56
3.50	151.67	49.53	21000.00	851.3	-1577.2	1950.00	7.01	122.18
4.00	146.80	50.03	24000.00	1102.7	-1683.3	2250.00	6.20	112.92
4.50	143.45	51.37	27000.00	1286.2	-1733.4	2550.00	4.32	105.26
5.00	140.72	53.08	30000.00	1428.4	-1744.8	2850.00	3.24	94.61
5.50	137.02	54.83	33000.00	1586.6	-1701.1	3150.00	3.73	74.58
6.00	131.33	56.34	36000.00	1801.6	-1583.0	3450.00	5.57	61.22
6.50	125.10	56.78	39000.00	2091.0	-1468.3	3750.00	7.08	68.40
7.00	118.84	56.50	42000.00	2436.6	-1340.5	4050.00	8.37	69.72
7.50	114.04	55.60	45000.00	2815.5	-1254.6	4350.00	8.83	77.24
8.00	111.05	54.00	48000.00	3256.4	-1251.9	4650.00	10.02	89.66
8.50	108.80	52.23	51000.00	3742.6	-1272.6	4950.00	11.06	92.46
9.00	107.07	49.97	54000.00	4338.1	-1330.4	5250.00	13.60	95.56
9.50	105.40	47.72	57000.00	4998.9	-1375.1	5550.00	15.05	93.88
10.00	104.50	45.77	60000.00	5657.0	-1460.9	5850.00	15.08	97.45

C-A 7/24/75 FLIGHT NO. 3 11:00 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-	HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
0.00	0.00	0.00	0.00	0.0	0.0			
0.50	79.57	56.78	300.00	193.3	35.6	150.00	4.47	79.57
1.00	88.32	49.77	600.00	507.5	15.0	450.00	7.16	93.77
1.50	92.13	51.02	900.00	728.0	-26.9	750.00	5.10	100.78
2.00	99.60	59.38	1200.00	700.6	-118.3	1050.00	2.17	196.72
2.50	102.00	62.78	1500.00	755.1	-160.2	1350.00	1.56	127.63
3.00	104.37	67.00	1800.00	740.7	-189.5	1650.00	0.74	206.36
3.50	101.02	71.36	2100.00	695.9	-135.3	1950.00	1.60	320.50
4.00	103.35	69.56	2400.00	871.0	-206.4	2250.00	4.29	112.12
4.50	104.96	70.10	2700.00	945.0	-252.2	2550.00	1.98	121.75
5.00	109.57	70.37	3000.00	1009.1	-358.3	2850.00	2.82	148.92
5.50	115.19	68.77	3300.00	1161.0	-545.6	3150.00	5.48	140.96
6.00	116.23	67.87	3600.00	1314.3	-647.0	3450.00	4.18	123.51
6.50	114.70	65.72	3900.00	1599.5	-735.0	3750.00	6.78	107.17
7.00	112.54	63.48	4200.00	1937.1	-803.1	4050.00	7.83	101.43
7.50	110.62	61.00	4500.00	2336.0	-878.0	4350.00	9.23	100.65
8.00	109.27	58.58	4800.00	2769.5	-967.1	4650.00	10.06	101.64
8.50	108.25	56.04	5100.00	3263.7	-1074.9	4950.00	11.50	102.32
9.00	107.33	53.55	5400.00	3809.3	-1187.2	5250.00	12.66	101.65
9.50	106.48	51.25	5700.00	4388.8	-1296.7	5550.00	13.40	100.72
10.00	105.53	49.23	6000.00	4986.8	-1383.9	5850.00	13.74	98.32

C-A 7/24/75 FLIGHT NO. 4 17:00 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-	HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
0.00	0.00	0.00	0.00	0.0	0.0			
0.50	196.08	56.35	300.00	-55.2	-192.0	150.00	4.54	196.08
1.00	193.58	52.52	600.00	-107.8	-447.4	450.00	5.93	191.67
1.50	191.95	50.78	900.00	-151.7	-719.0	750.00	6.25	189.22
2.00	194.38	52.36	1200.00	-229.3	-896.9	1050.00	4.41	203.61
2.50	194.70	54.10	1500.00	-275.0	-1050.8	1350.00	3.65	196.55
3.00	192.63	54.46	1800.00	-280.5	-1255.4	1650.00	4.65	181.57
3.50	193.29	56.15	2100.00	-323.0	-1371.5	1950.00	2.81	200.17
4.00	193.15	57.43	2400.00	-348.0	-1493.7	2250.00	2.83	191.57
4.50	193.52	58.61	2700.00	-384.3	-1602.7	2550.00	2.61	198.47
5.00	193.32	59.20	3000.00	-411.1	-1741.3	2850.00	3.21	190.98
5.50	197.31	59.22	3300.00	-583.9	-1877.8	3150.00	5.01	231.73
6.00	199.03	57.96	3600.00	-733.5	-2131.3	3450.00	6.69	210.60
6.50	199.87	57.46	3900.00	-844.6	-2341.8	3750.00	5.41	207.85
7.00	200.10	56.95	4200.00	-937.8	-2568.0	4050.00	5.56	202.44
7.50	199.48	56.46	4500.00	-993.3	-2814.0	4350.00	5.73	192.75
8.00	198.78	56.55	4800.00	-1019.3	-3004.1	4650.00	4.36	187.82
8.50	196.82	56.81	5100.00	-963.7	-3195.3	4950.00	4.53	163.80
9.00	194.78	57.01	5400.00	-892.5	-3391.4	5250.00	4.74	160.08
9.50	193.26	57.00	5700.00	-847.1	-3605.0	5550.00	4.96	168.04
10.00	191.42	56.77	6000.00	-770.3	-3825.7	5850.00	5.31	160.85

C-A 7/25/75 FLIGHT NO. 1 05:00 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-	HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
0.00	0.00	0.00	0.00	0.0	0.0			
0.50	142.80	80.00	300.00	32.1	-42.2	150.00	1.20	142.80
1.00	159.78	81.55	600.00	30.9	-83.8	450.00	0.95	181.61
1.50	150.51	74.90	900.00	19.8	-211.5	750.00	3.54	145.21
2.00	152.29	65.75	1200.00	251.7	-478.7	1050.00	6.77	153.74
2.50	150.80	60.72	1500.00	410.9	-734.3	1350.00	6.84	148.12
3.00	150.38	58.98	1800.00	535.7	-941.1	1650.00	5.49	148.92
3.50	151.08	58.18	2100.00	631.0	-1140.7	1950.00	5.03	154.51
4.00	151.81	57.21	2400.00	731.4	-1362.9	2250.00	5.54	155.72
4.50	152.67	56.03	2700.00	836.3	-1616.3	2550.00	6.23	157.53
5.00	154.43	55.46	3000.00	892.5	-1863.0	2850.00	5.75	167.19
5.50	155.88	55.61	3300.00	924.4	-2061.8	3150.00	4.58	170.92
6.00	157.72	56.28	3600.00	912.5	-2223.8	3450.00	3.69	184.26
6.50	159.82	57.02	3900.00	874.6	-2375.9	3750.00	3.56	194.00
7.00	162.18	57.64	4200.00	816.1	-2534.2	4050.00	3.84	200.32
7.50	163.90	58.23	4500.00	774.6	-2678.3	4350.00	3.41	196.11
8.00	164.97	58.24	4800.00	772.5	-2870.6	4650.00	4.37	180.67
8.50	165.91	58.15	5100.00	773.3	-3073.9	4950.00	4.62	179.80
9.00	167.36	57.95	5400.00	741.9	-3299.9	5250.00	5.19	187.94
9.50	168.63	57.80	5700.00	709.9	-3520.1	5550.00	5.06	188.32
10.00	169.71	57.70	6000.00	679.9	-3733.2	5850.00	4.89	188.04

C-A 7/25/75 FLIGHT NO. 2 08:00

RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-	HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
0.00	0.00	0.00	0.00	0.0	0.0			
0.50	217.88	62.47	300.00	-96.0	-123.6	150.00	3.56	217.88
1.00	209.55	63.88	600.00	-145.0	-256.2	450.00	3.21	200.33
1.50	201.27	65.43	900.00	-149.1	-383.8	750.00	2.90	181.88
2.00	186.01	62.80	1200.00	-64.2	-613.7	1050.00	5.57	159.77
2.50	177.26	60.07	1500.00	41.8	-863.0	1350.00	6.16	156.99
3.00	176.43	57.72	1800.00	71.5	-1135.3	1650.00	6.23	173.81
3.50	176.73	56.78	2100.00	79.3	-1373.5	1950.00	5.42	178.16
4.00	176.65	56.08	2400.00	95.3	-1611.8	2250.00	5.43	176.19
4.50	176.33	54.90	2700.00	122.6	-1894.4	2550.00	6.45	174.51
5.00	175.94	54.30	3000.00	153.9	-2151.0	2850.00	5.88	173.08
5.50	174.90	53.38	3300.00	219.5	-2443.6	3150.00	6.82	167.40
6.00	173.12	52.62	3600.00	331.1	-2731.4	3450.00	7.01	158.83
6.50	171.43	51.81	3900.00	459.0	-3034.4	3750.00	7.48	157.15
7.00	170.45	51.25	4200.00	561.3	-3325.0	4050.00	7.00	160.64
7.50	169.56	50.48	4500.00	674.9	-3651.6	4350.00	7.86	160.85
8.00	169.57	49.71	4800.00	739.2	-4002.9	4650.00	8.12	169.67
8.50	169.85	49.02	5100.00	783.4	-4361.9	4950.00	8.22	173.00
9.00	170.03	48.23	5400.00	838.0	-4751.3	5250.00	8.94	172.06
9.50	169.96	47.53	5700.00	912.8	-5138.8	5550.00	8.97	169.10
10.00	169.58	47.12	6000.00	1011.1	-5480.9	5850.00	8.09	164.00

C-A 7/25/75 FLIGHT NO. 3 11:00 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-
0.00	0.00	0.00	0.00	0.0	0.0
0.50	222.40	36.61	300.00	-272.1	-298.5
1.00	213.47	34.68	600.00	-477.8	-723.9
1.50	215.03	31.48	900.00	-843.0	-1204.4
2.00	215.87	32.40	1200.00	-1107.1	-1533.4
2.50	214.84	34.73	1500.00	-1235.2	-1777.3
3.00	216.51	36.82	1800.00	-1429.5	-1934.0
3.50	213.70	39.31	2100.00	-1421.9	-2135.3
4.00	212.87	41.66	2400.00	-1462.8	-2267.3
4.50	212.59	43.10	2700.00	-1552.8	-2432.8
5.00	211.45	42.78	3000.00	-1650.1	-2767.7
5.50	209.98	43.19	3300.00	-1755.0	-3047.1
6.00	208.38	43.40	3600.00	-1807.7	-3351.6
6.50	207.76	44.53	3900.00	-1844.7	-3510.5
7.00	207.65	45.47	4200.00	-1915.4	-3662.2
7.50	209.05	46.75	4500.00	-2053.6	-3705.2
8.00	210.35	48.58	4800.00	-2137.9	-3657.1
8.50	209.48	50.50	5100.00	-2067.1	-3662.5
9.00	207.84	51.68	5400.00	-1991.2	-3776.4
9.50	203.69	53.55	5700.00	-1689.6	-3857.9

HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
150.00	9.18	222.40
450.00	10.74	205.85
750.00	13.72	217.27
1050.00	9.59	218.80
1350.00	6.26	207.75
1650.00	5.67	231.15
1950.00	4.58	177.88
2250.00	3.14	197.26
2550.00	4.28	208.58
2850.00	8.23	202.32
3150.00	6.52	193.12
3450.00	7.02	189.65
3750.00	3.71	193.14
4050.00	3.80	205.04
4350.00	3.28	253.53
4650.00	2.18	298.75
4950.00	1.61	94.39
5250.00	3.11	146.35
5550.00	7.10	105.13

C-A 7/26/75 FLIGHT NO. 1 05:12 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-	HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
0.00	0.00	0.00	0.00	0.0	0.0			
0.50	22.13	85.70	300.00	8.5	21.0	150.00	0.51	22.13
1.00	92.90	85.00	600.00	52.6	-2.6	450.00	1.14	118.22
1.50	201.12	78.55	900.00	-65.7	-170.3	750.00	4.66	215.24
2.00	194.05	70.71	1200.00	-101.8	-407.8	1050.00	5.46	188.68
2.50	196.20	61.78	1500.00	-224.2	-773.5	1350.00	8.77	198.54
3.00	197.62	55.59	1800.00	-372.6	-1175.8	1650.00	9.75	200.29
3.50	199.66	50.80	2100.00	-575.4	-1613.8	1950.00	10.97	204.88
4.00	199.81	47.65	2400.00	-740.3	-2059.3	2250.00	10.80	200.35
4.50	198.48	46.03	2700.00	-824.2	-2471.6	2550.00	9.56	191.55
5.00	198.37	45.02	3000.00	-943.2	-2846.6	2850.00	8.94	197.64
5.50	198.63	44.52	3300.00	-1070.2	-3181.6	3150.00	8.14	200.81
6.00	199.62	44.32	3600.00	-1235.9	-3474.3	3450.00	7.64	209.55
6.50	201.14	44.28	3900.00	-1440.3	-3732.2	3750.00	7.48	218.43
7.00	202.03	44.12	4200.00	-1622.3	-4017.1	4050.00	7.68	212.62
7.50	202.21	44.33	4500.00	-1738.9	-4267.1	4350.00	6.27	205.04
8.00	201.72	44.47	4800.00	-1807.0	-4545.0	4650.00	6.50	193.80
8.50	201.33	44.19	5100.00	-1905.6	-4889.6	4950.00	8.15	196.00
9.00	201.12	44.08	5400.00	-2006.4	-5204.5	5250.00	7.52	197.79
9.50	201.23	43.81	5700.00	-2148.6	-5541.6	5550.00	8.31	202.91
10.00	201.49	43.38	6000.00	-2322.7	-5911.1	5850.00	9.28	205.28

C-A 7/26/75 FLIGHT NO. 2 08:00 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-	HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
0.00	0.00	0.00	0.00	0.0	0.0			
0.50	340.25	87.43	300.00	-4.6	12.7	150.00	0.31	340.25
1.00	121.72	86.68	600.00	29.8	-18.4	450.00	1.05	132.20
1.50	999.00	999.00	900.00	999.0	999.0	750.00	999.00	999.00
2.00	215.08	72.57	1200.00	-216.5	-308.7	1050.00	999.00	999.00
2.50	216.13	66.37	1500.00	-386.8	-530.6	1350.00	6.36	217.55
3.00	221.07	61.11	1800.00	-652.3	-749.6	1650.00	7.82	230.53
3.50	224.62	57.10	2100.00	-953.9	-968.1	1950.00	8.46	234.13
4.00	225.08	53.83	2400.00	-1242.0	-1240.3	2250.00	9.01	226.66
4.50	224.18	51.56	2700.00	-1492.9	-1538.5	2550.00	8.86	220.12
5.00	224.68	50.08	3000.00	-1764.3	-1786.7	2850.00	8.36	227.60
5.50	226.35	49.13	3300.00	-2065.4	-1973.2	3150.00	8.05	238.28
6.00	228.10	48.51	3600.00	-2369.0	-2128.8	3450.00	7.75	242.92
6.50	228.11	47.74	3900.00	-2637.1	-2368.9	3750.00	8.18	228.20
7.00	227.12	46.91	4200.00	-2877.9	-2676.5	4050.00	8.88	218.10
7.50	225.25	46.41	4500.00	-3041.0	-3019.0	4350.00	8.62	205.49
8.00	223.61	45.78	4800.00	-3220.3	-3385.5	4650.00	9.27	206.12
8.50	222.53	45.11	5100.00	-3432.5	-3747.5	4950.00	9.54	210.42
9.00	221.77	44.32	5400.00	-3681.6	-4128.1	5250.00	10.34	213.25
9.50	221.17	43.33	5700.00	-3975.5	-4552.6	5550.00	11.73	214.73
10.00	220.70	42.26	6000.00	-4303.5	-5010.6	5850.00	12.80	215.65

C-A 7/26/75 FLIGHT NO. 3 11:00 RBOSP

TIME INTO FLIGHT -MINUTES-	AZIMUTH -DEG.-	ELEVATION -DEG.-	HEIGHT -FEET-	X -FEET-	Y -FEET-	HEIGHT -FEET-	VELOCITY -MPH-	HEADING -DEG-
0.00	0.00	0.00	0.00	0.0	0.0			
0.50	201.22	45.70	300.00	-105.8	-273.1	150.00	6.66	201.22
1.00	212.68	56.38	600.00	-215.3	-336.1	450.00	2.87	240.11
1.50	224.95	55.46	900.00	-437.5	-438.9	750.00	5.57	245.21
2.00	235.74	49.63	1200.00	-843.0	-575.2	1050.00	9.72	251.48
2.50	236.26	47.48	1500.00	-1143.6	-765.1	1350.00	8.08	237.75
3.00	234.78	47.85	1800.00	-1330.7	-941.0	1650.00	5.84	226.83
3.50	234.22	48.48	2100.00	-1508.0	-1088.6	1950.00	5.24	230.26
4.00	234.08	48.32	2400.00	-1730.1	-1255.3	2250.00	6.31	233.14
4.50	233.90	48.29	2700.00	-1943.9	-1419.8	2550.00	6.13	232.47
5.00	231.50	47.87	3000.00	-2123.0	-1691.4	2850.00	7.39	213.45
5.50	228.48	46.73	3300.00	-2325.1	-2061.6	3150.00	9.59	208.66
6.00	227.51	46.20	3600.00	-2544.7	-2334.5	3450.00	7.96	218.87
6.50	999.00	999.00	3900.00	999.0	999.0	3750.00	999.00	999.00
7.00	223.00	45.80	4200.00	-2784.1	-2990.0	4050.00	999.00	999.00
7.50	220.80	45.52	4500.00	-2885.9	-3348.3	4350.00	8.46	195.90
8.00	220.41	44.68	4800.00	-3144.8	-3699.3	4650.00	9.91	216.45
8.50	220.66	43.68	5100.00	-3477.8	-4055.0	4950.00	11.07	223.15
9.00	221.23	42.50	5400.00	-3881.9	-4436.1	5250.00	12.62	226.72
9.50	221.94	41.32	5700.00	-4331.0	-4827.3	5550.00	13.54	228.98
10.00	222.42	40.19	6000.00	-4788.5	-5248.2	5850.00	14.13	227.43

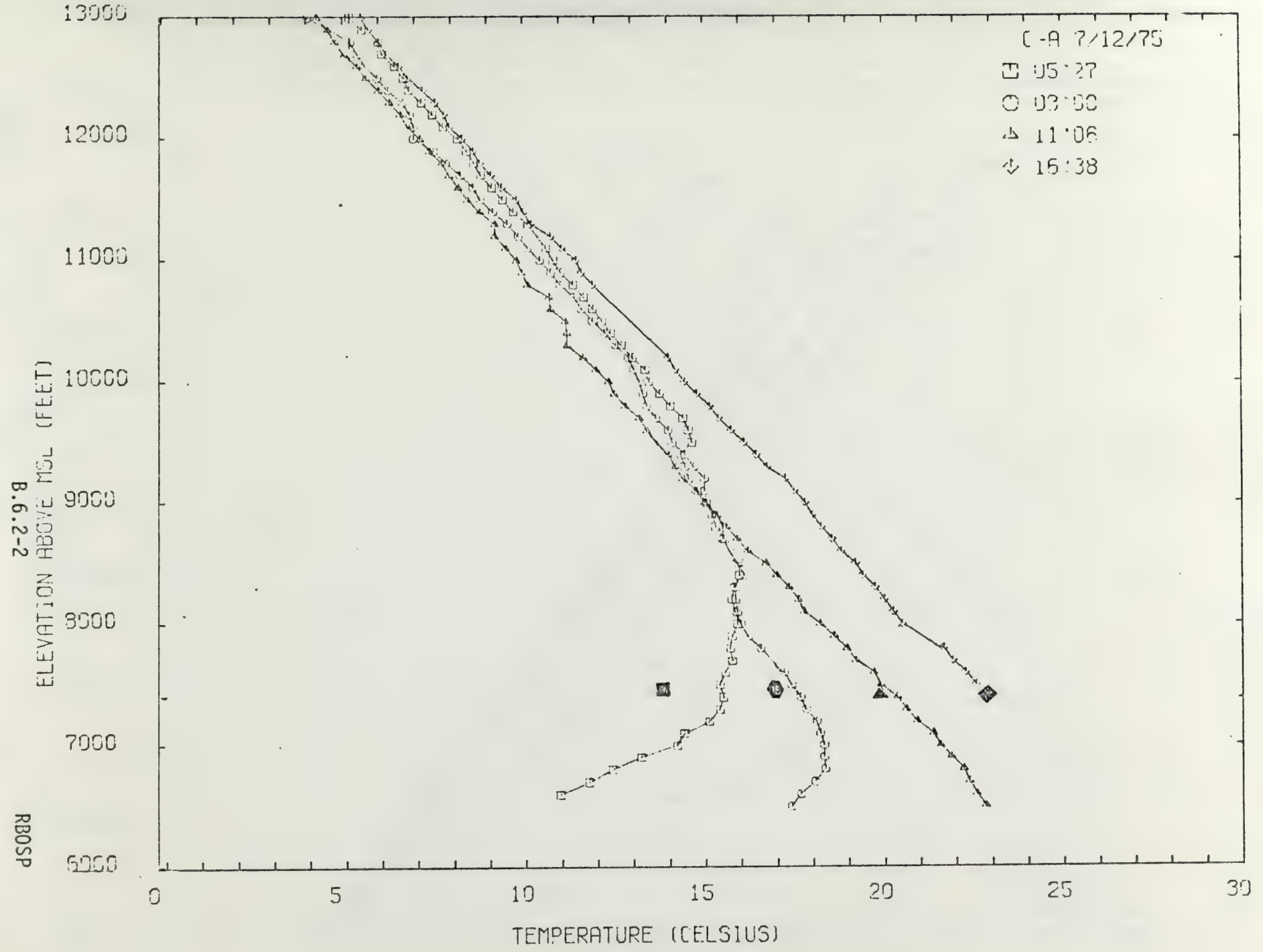
UPPER AIR TEMPERATURE SOUNDINGS OVER FEDERAL OIL SHALE TRACT C-a 12 JULY 1975 THROUGH 26 JULY 1975

The following point symbols are used for all soundings presented in this appendix:

△ Flight Number 1 nominally 0500 MST
□ Flight Number 2 nominally 0800 MST
○ Flight Number 3 nominally 1100 MST
◇ Flight Number 4 nominally 1700 MST

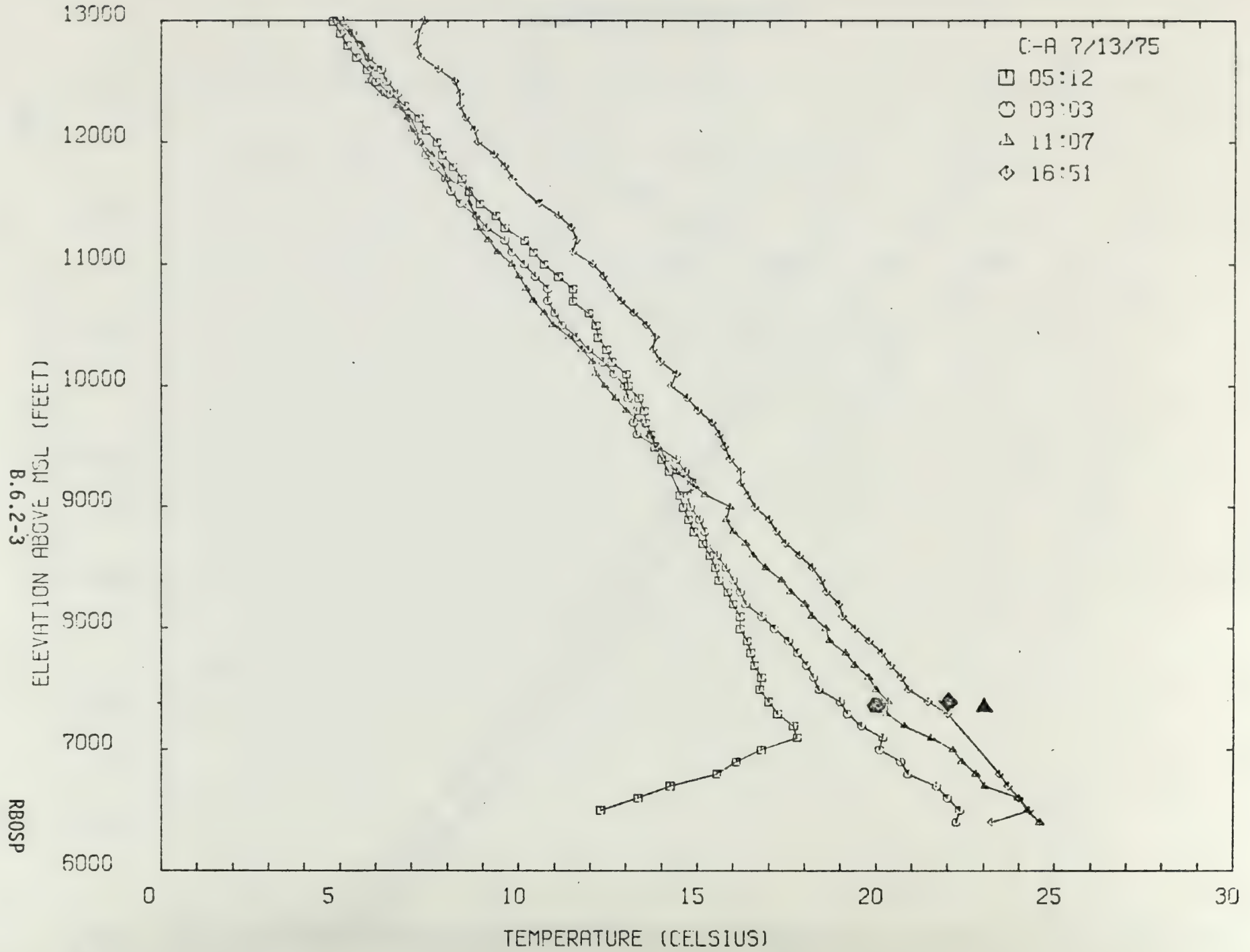
The ordinate is the altimeter-determined elevation in feet above Mean Sea Level (MSL). The abscissa is the ambient air temperature in degrees Celsius (C).

The unconnected solid symbols plotted at the elevation of the base of the tower on Tract C-a (7,400 feet) represent the results of temperature measurements made at the 10-m level of the meteorological tower in Tract C-a at about the same time as the aircraft temperature soundings.


C-A 7/12/75
05:27
03:00
11:06
16:38
13000
12000
11000
10000
9000
8000
7000
6000
ELEVATION ABOVE MSL (FEET)
0
5
10
15
20
25
30
TEMPERATURE (CELSIUS)

B.6.2-2

RBOSP


C-A 7/13/75
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08:03
11:07
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13000
12000
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8000
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5
10
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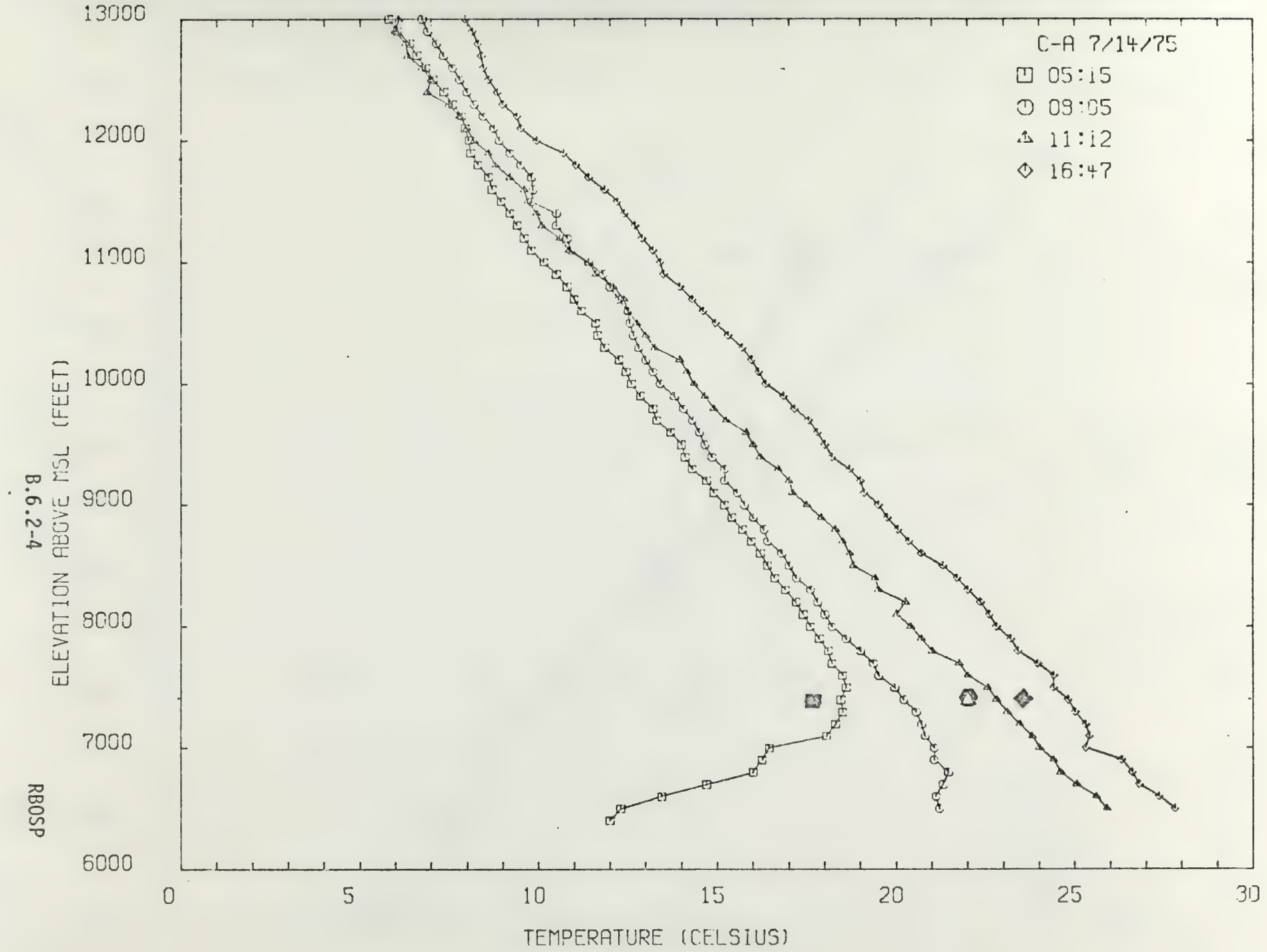
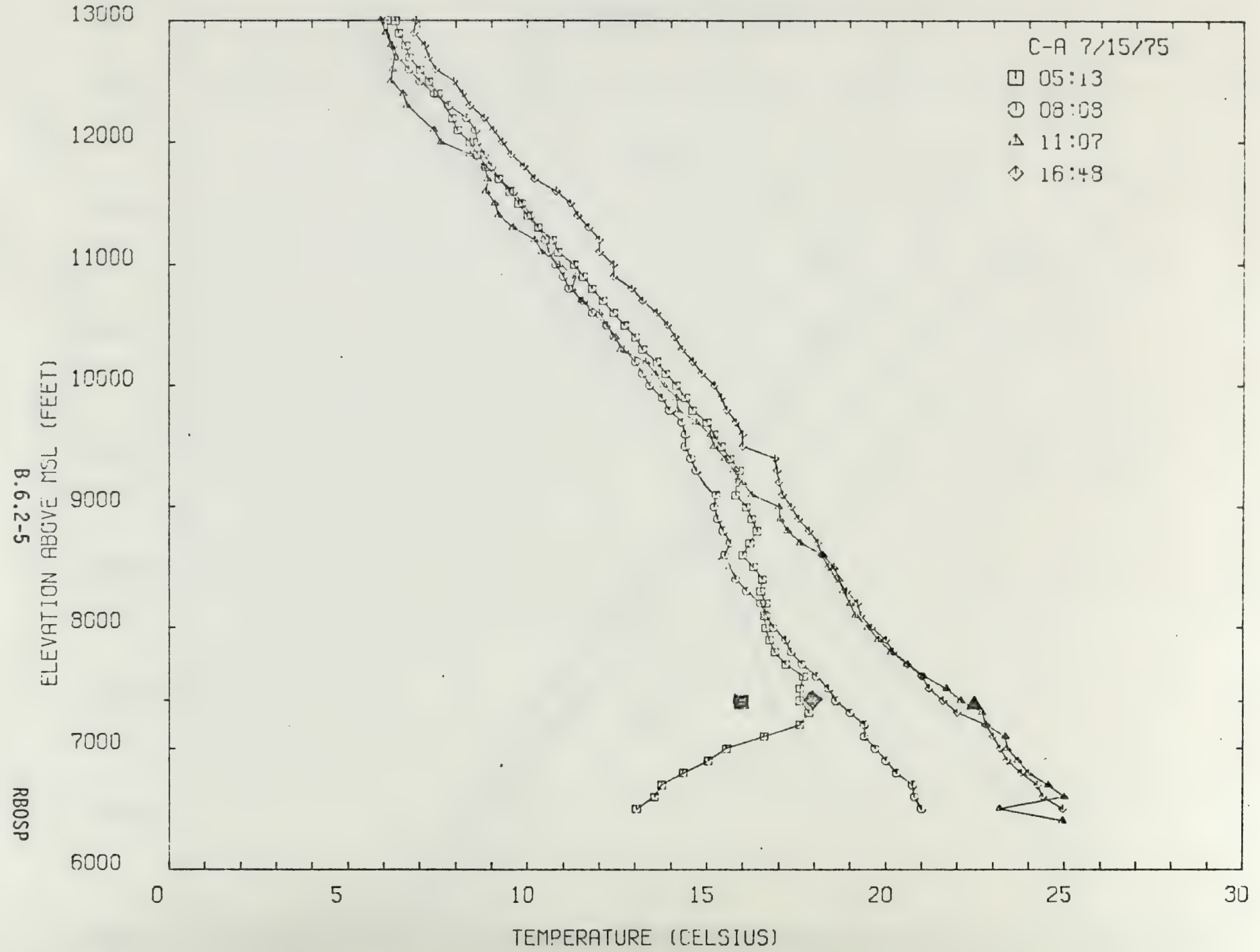
25
30
ELEVATION ABOVE MSL (FEET)
TEMPERATURE (CELSIUS)
B.6.2-3
RBOSP


C-A 7/14/75
05:15
08:05
11:12
16:47
13000
12000
11000
10000
9000
8000
7000
6000
0
5
10
15
20
25
30
ELEVATION ABOVE MSL (FEET)
TEMPERATURE (CELSIUS)

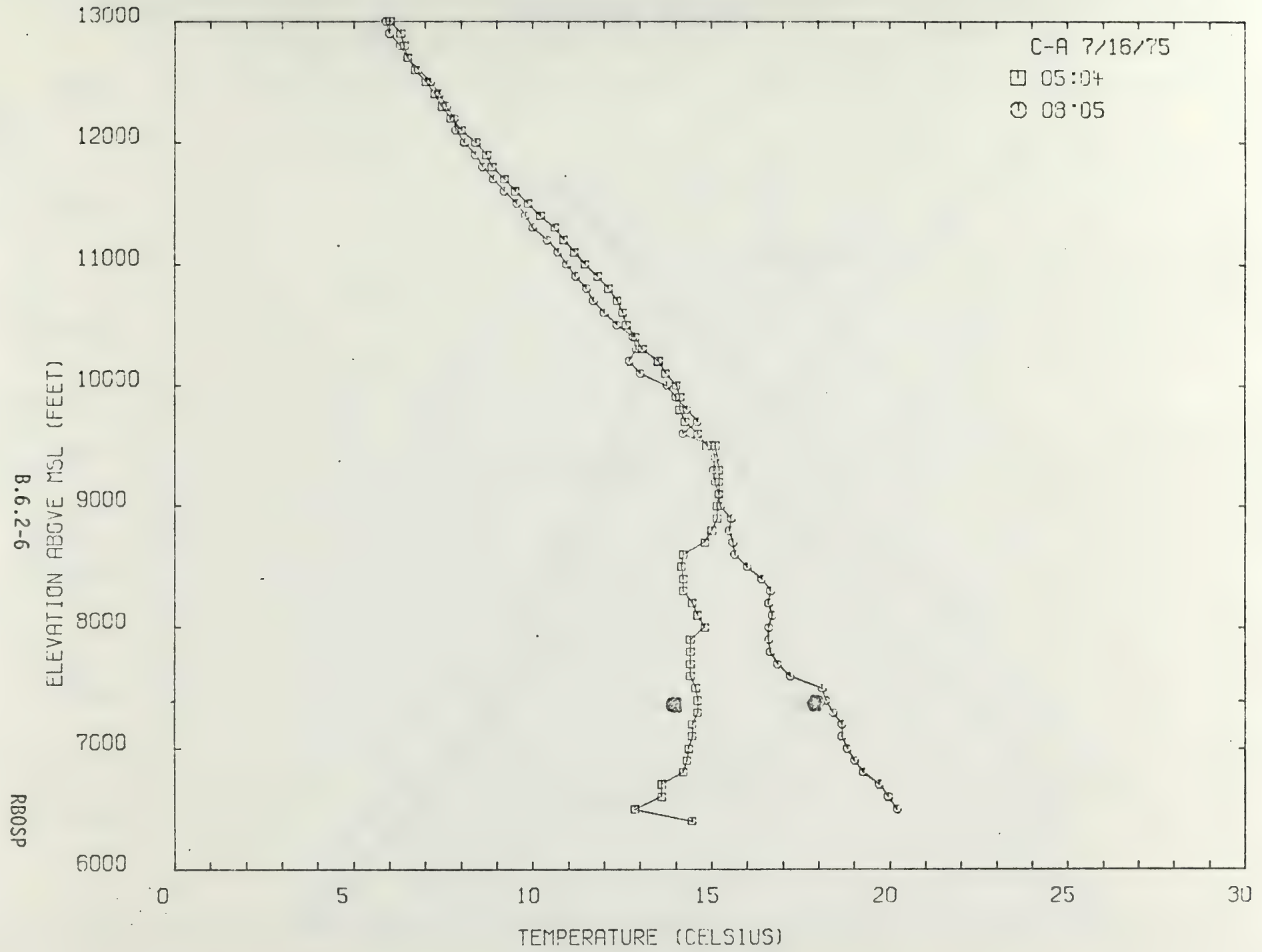
B.6.2-4

RBOSP


C-A 7/15/75
05:13
08:08
11:07
16:48
13000
12000
11000
10000
9000
8000
7000
6000
ELEVATION ABOVE MSL (FEET)
0
5
10
15
20
25
30
TEMPERATURE (CELSIUS)

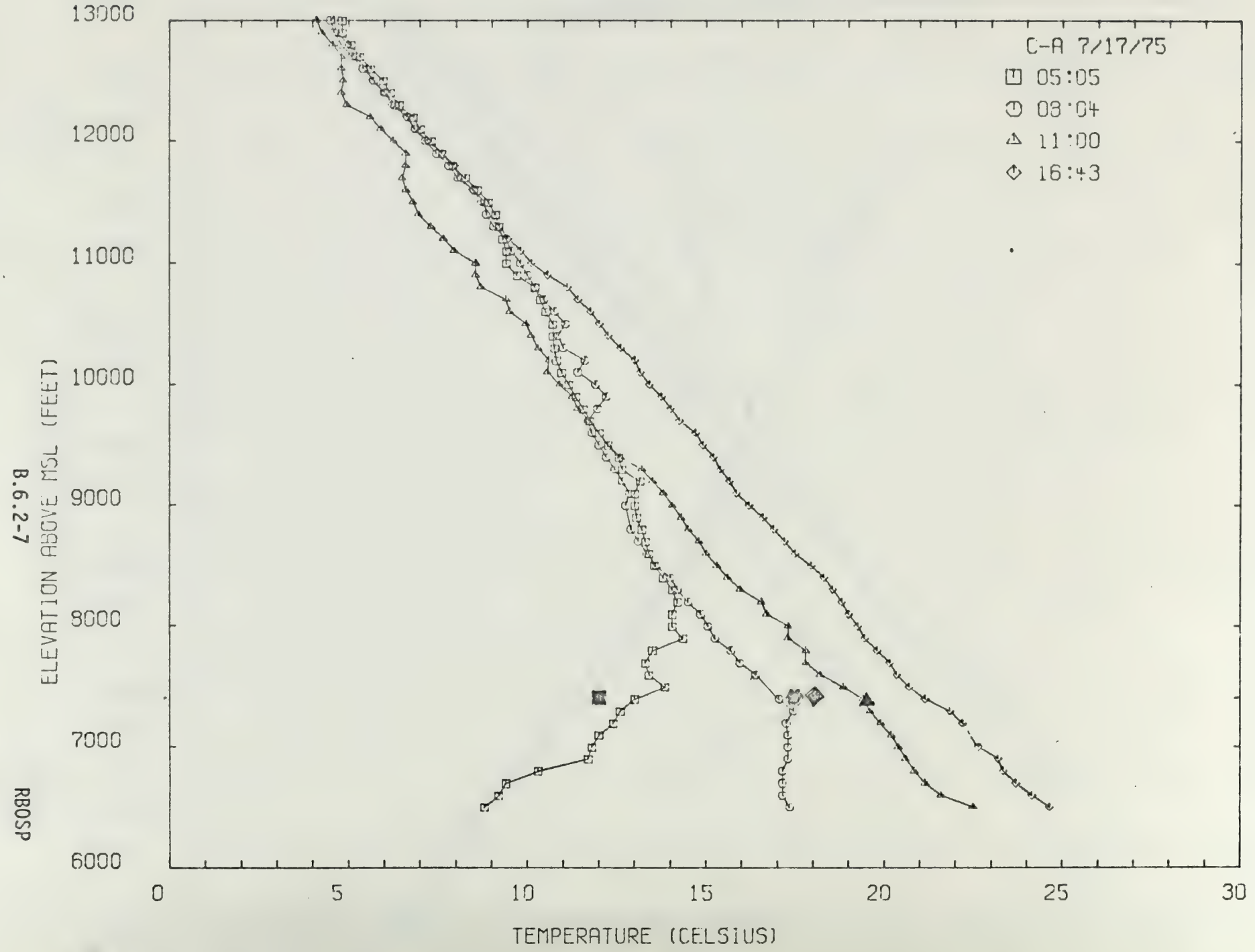
B.6.2-5

RBOSP


C-A 7/16/75
05:04
08:05
13000
12000
11000
10000
9000
8000
7000
6000
ELEVATION ABOVE MSL (FEET)
0
5
10
15
20
25
30
TEMPERATURE (CELSIUS)

B.6.2-6

RBOSP


C-A 7/17/75
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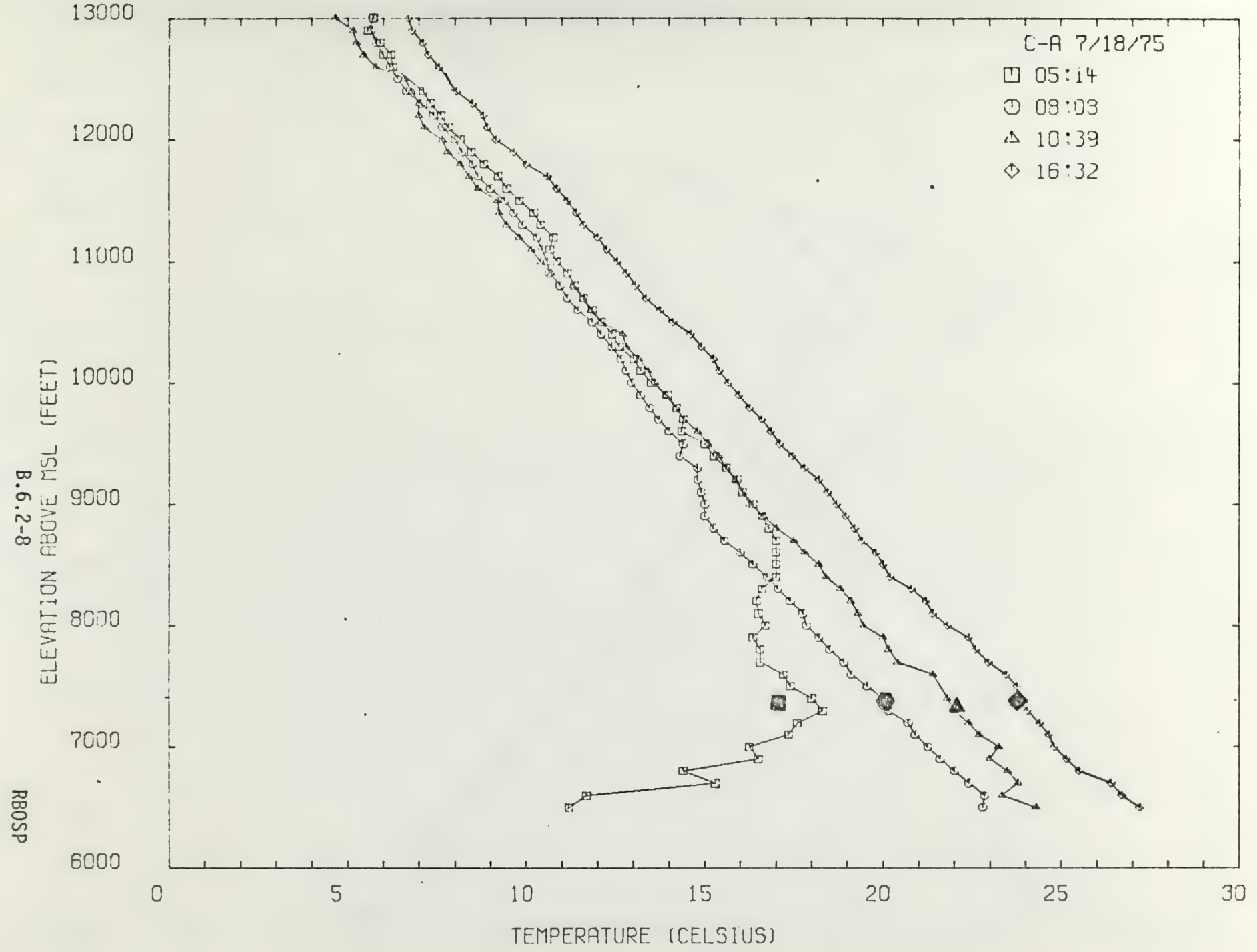
08:04
11:00
16:43
13000
12000
11000
10000
9000
8000
7000
6000
0
5
10
15
20
25
30
ELEVATION ABOVE MSL (FEET)
TEMPERATURE (CELSIUS)

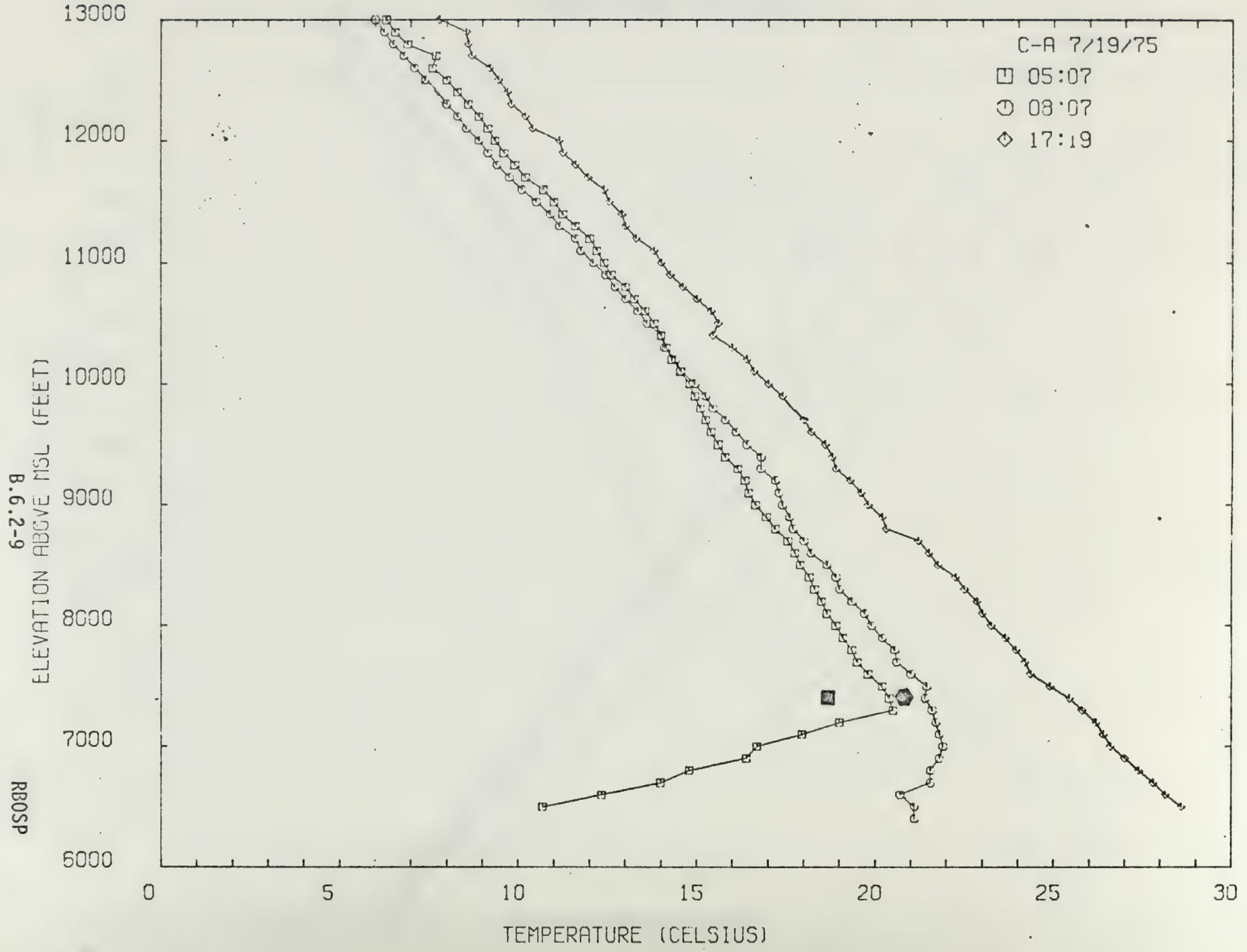
B.6.2-7

RBOSP


C-A 7/18/75
05:14
08:03
10:39
16:32
13000
12000
11000
10000
9000
8000
7000
6000
ELEVATION ABOVE MSL (FEET)
0
5
10
15
20
25
30
TEMPERATURE (CELSIUS)

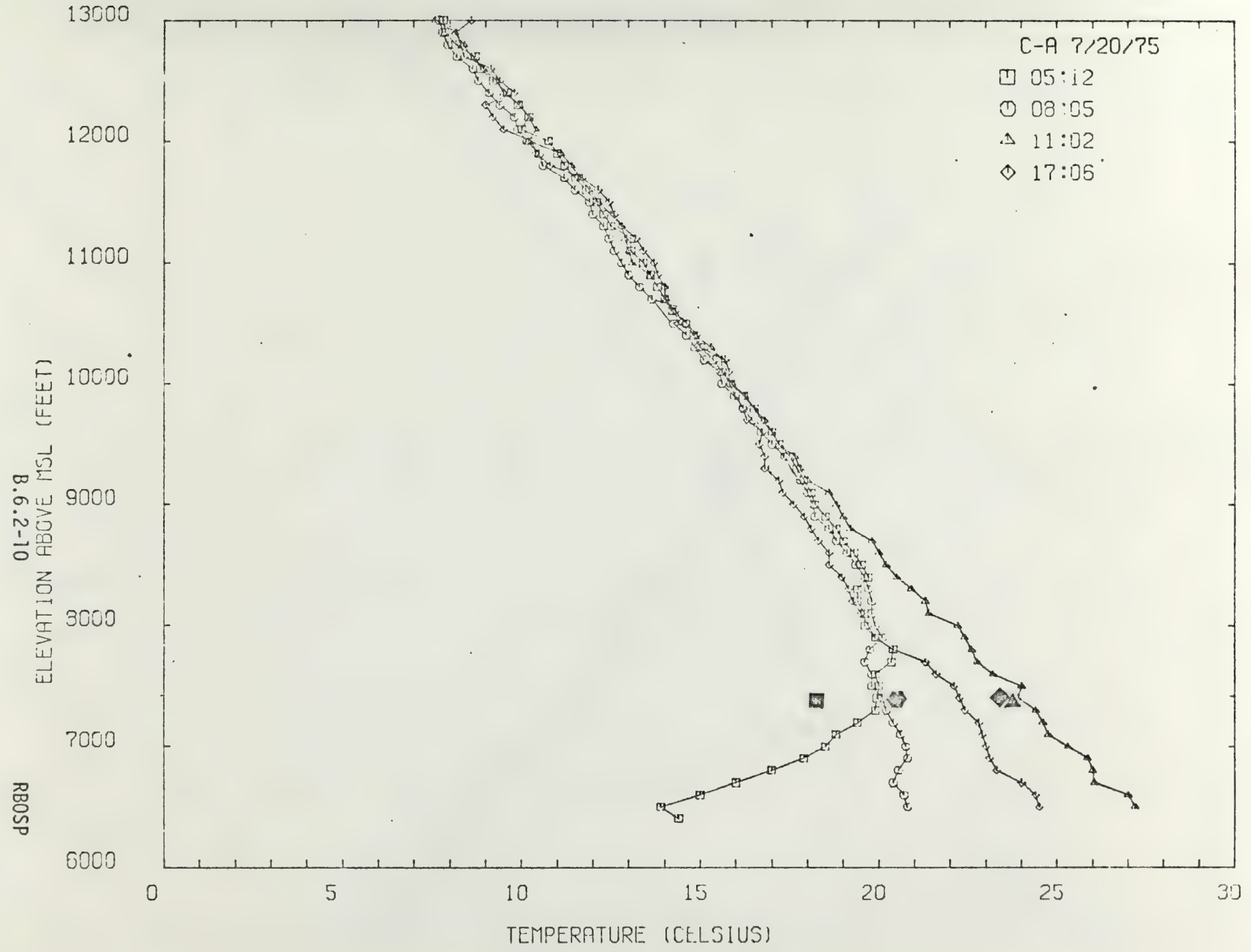
B.6.2-8

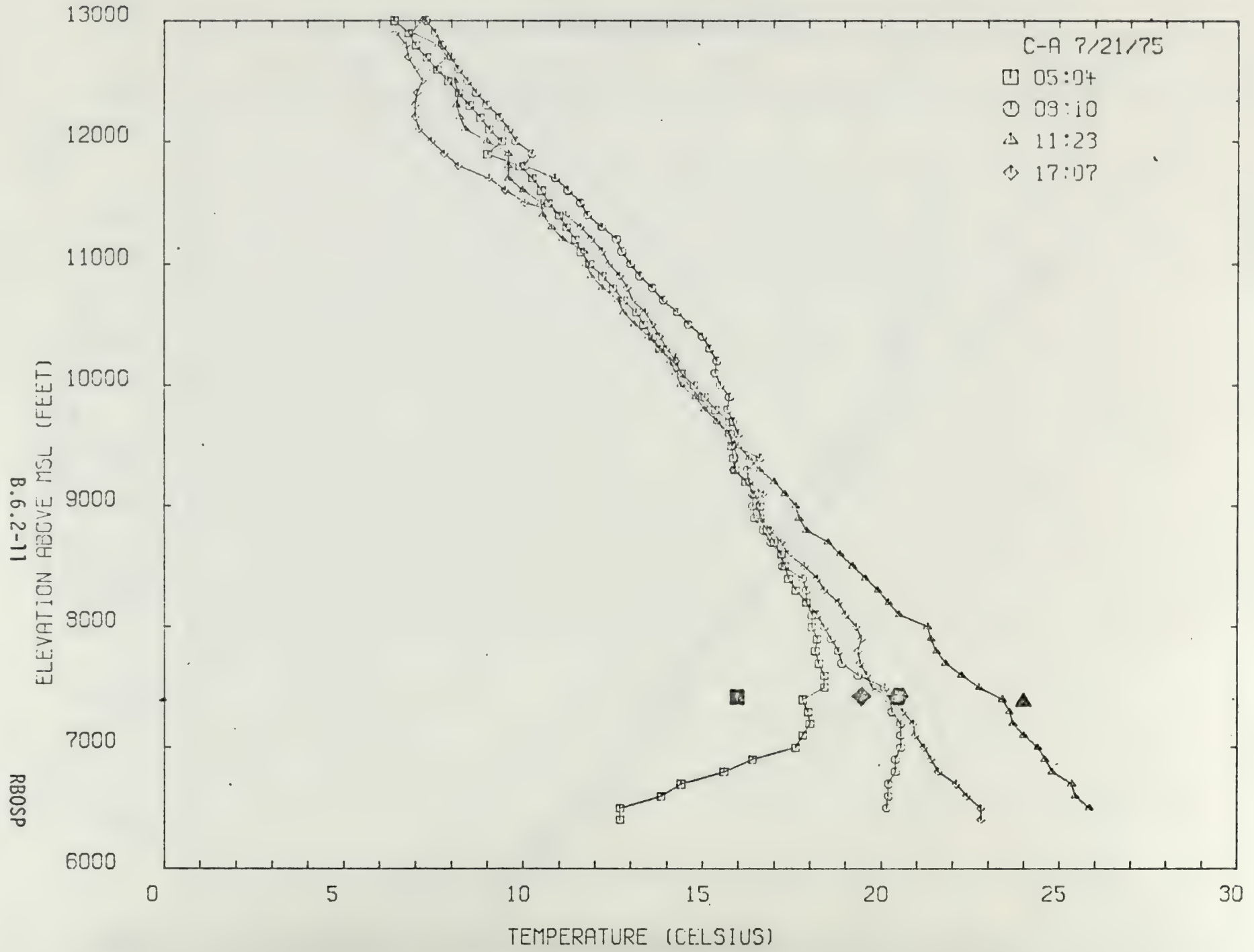
RBOSP

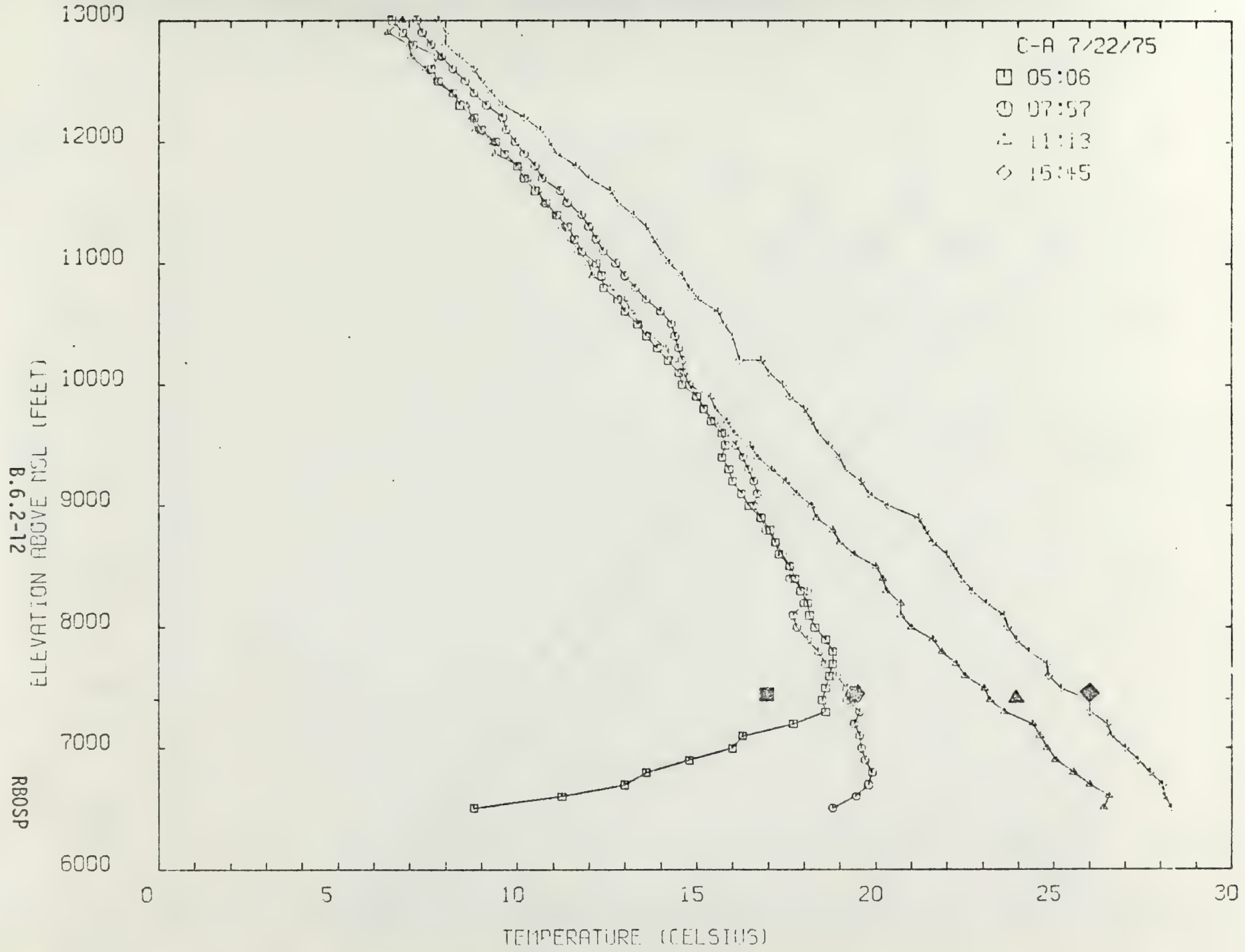

C-A 7/19/75
05:07
08:07
17:19
13000
12000
11000
10000
9000
8000
7000
6000
ELEVATION ABOVE MSL (FEET)
0
5
10
15
20
25
30
TEMPERATURE (CELSIUS)

B.6.2-9

RBOSP

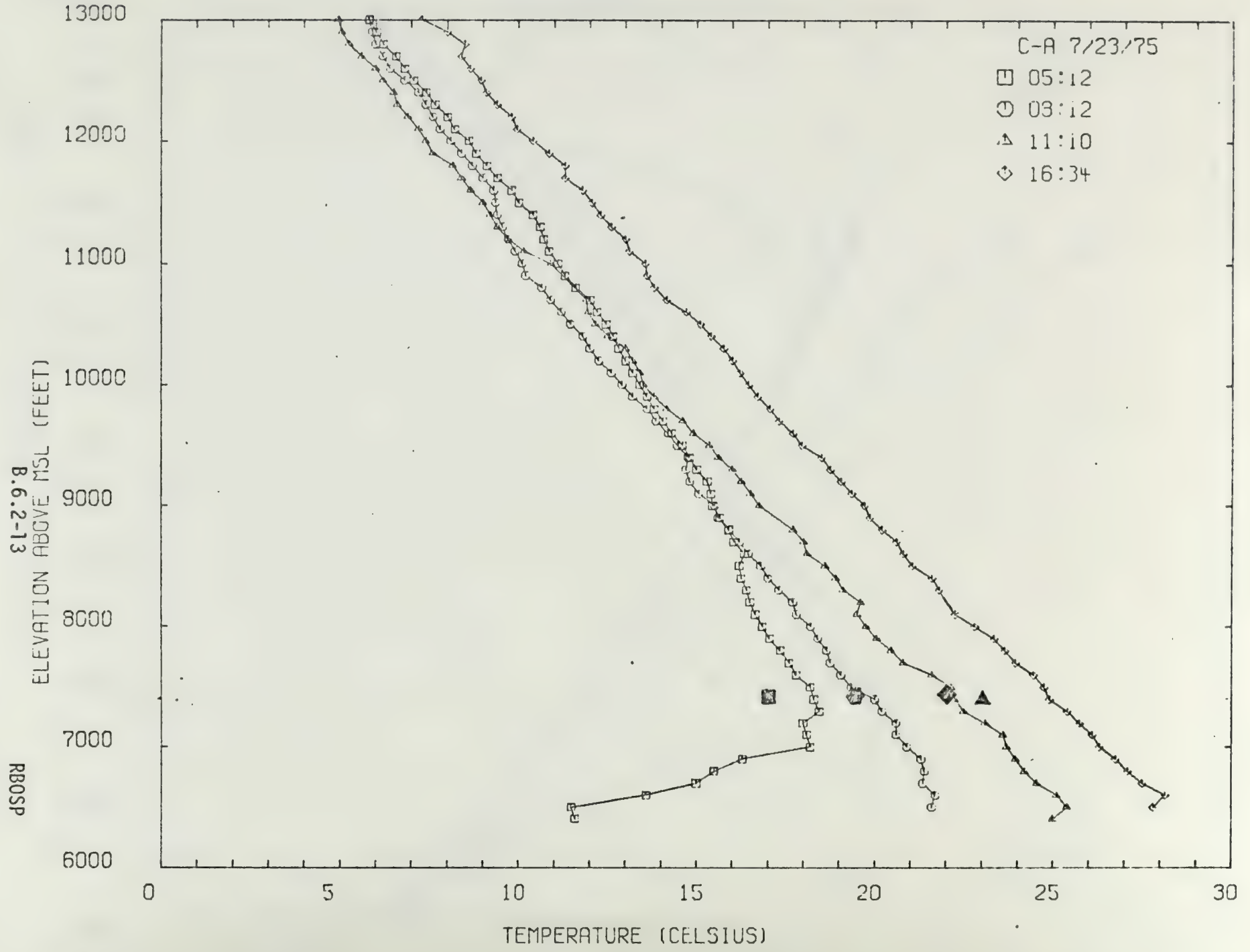

C-A 7/20/75
05:12
08:05
11:02
17:06
13000
12000
11000
10000
9000
8000
7000
6000
0
5
10
15
20
25
30
ELEVATION ABOVE MSL (FEET)
TEMPERATURE (CELSIUS)
8.6.2-10
RBOSP


C-A 7/21/75
05:04
09:10
11:23
17:07
13000
12000
11000
10000
9000
8000
7000
6000
0
5
10
15
20
25
30
ELEVATION ABOVE MSL (FEET)
TEMPERATURE (CELSIUS)
8.6.2-11
RBOSP


C-A 7/22/75
05:06
07:57
11:13
15:45
13000
12000
11000
10000
9000
8000
7000
6000
0
5
10
15
20
25
30
ELEVATION ABOVE MSL (FEET)
TEMPERATURE (CELSIUS)

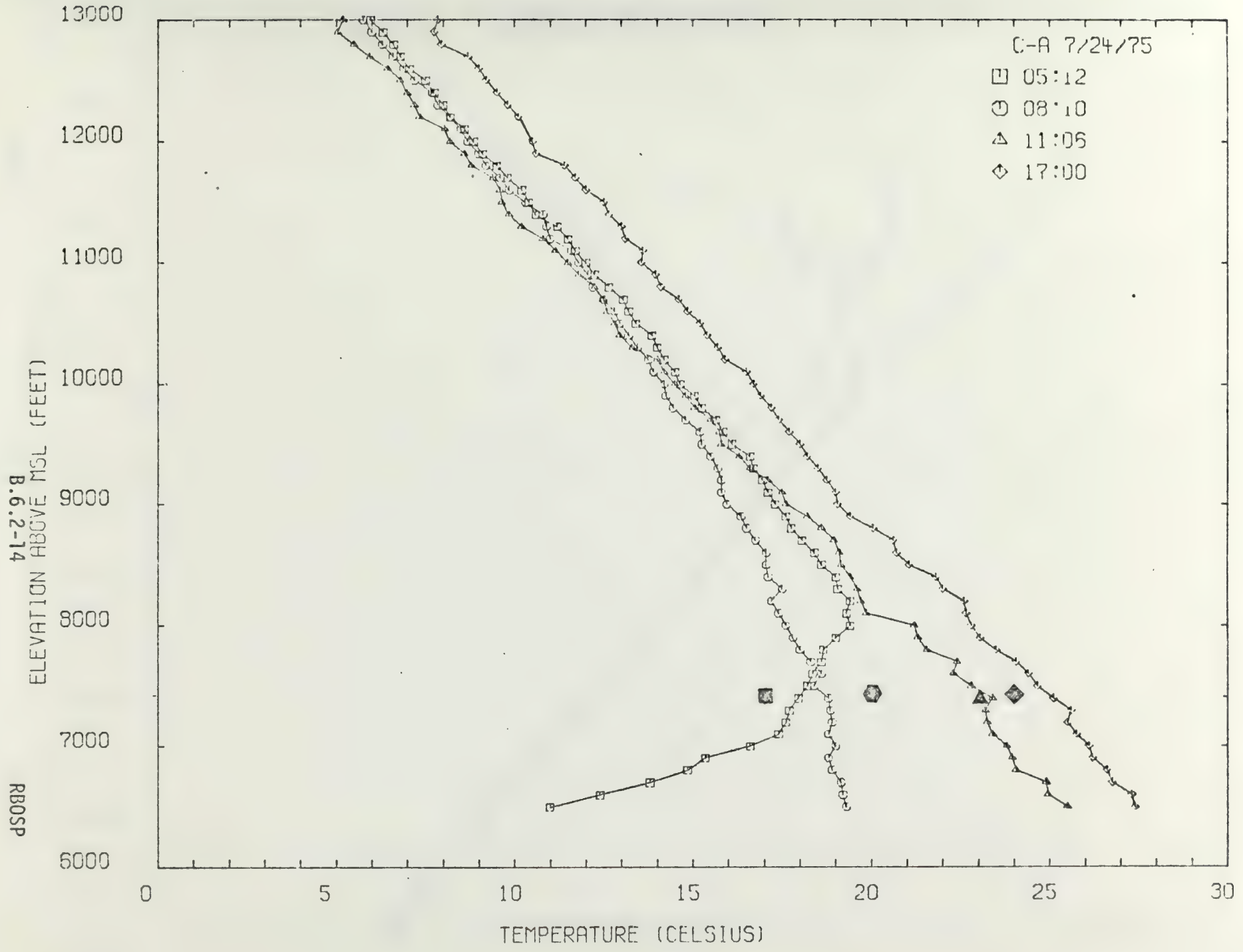
B.6.2-12

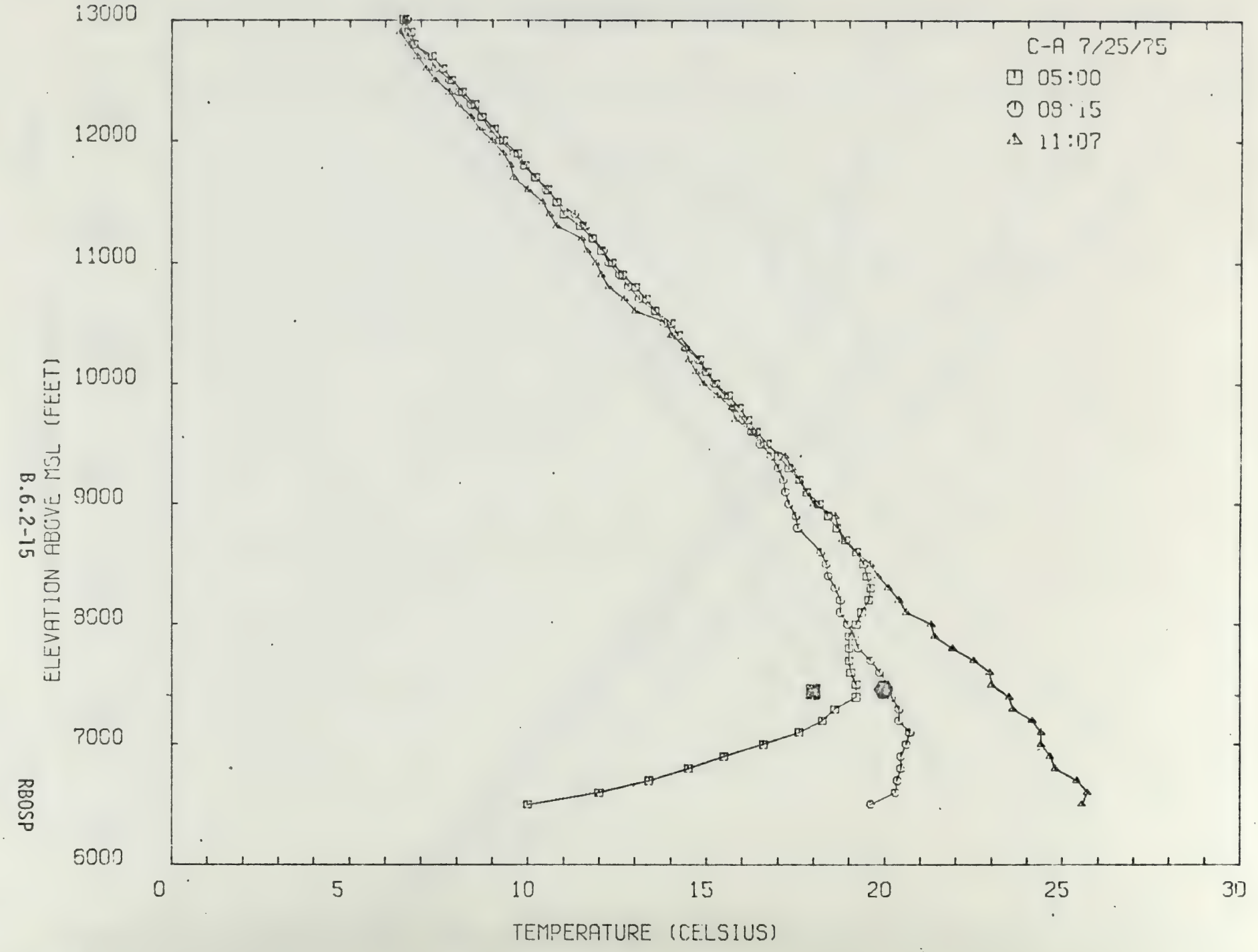
RBOSP


C-A 7/23/75
05:12
08:12
11:10
16:34
13000
12000
11000
10000
9000
8000
7000
6000
0
5
10
15
20
25
30
ELEVATION ABOVE MSL (FEET)
TEMPERATURE (CELSIUS)

B.6.2-13

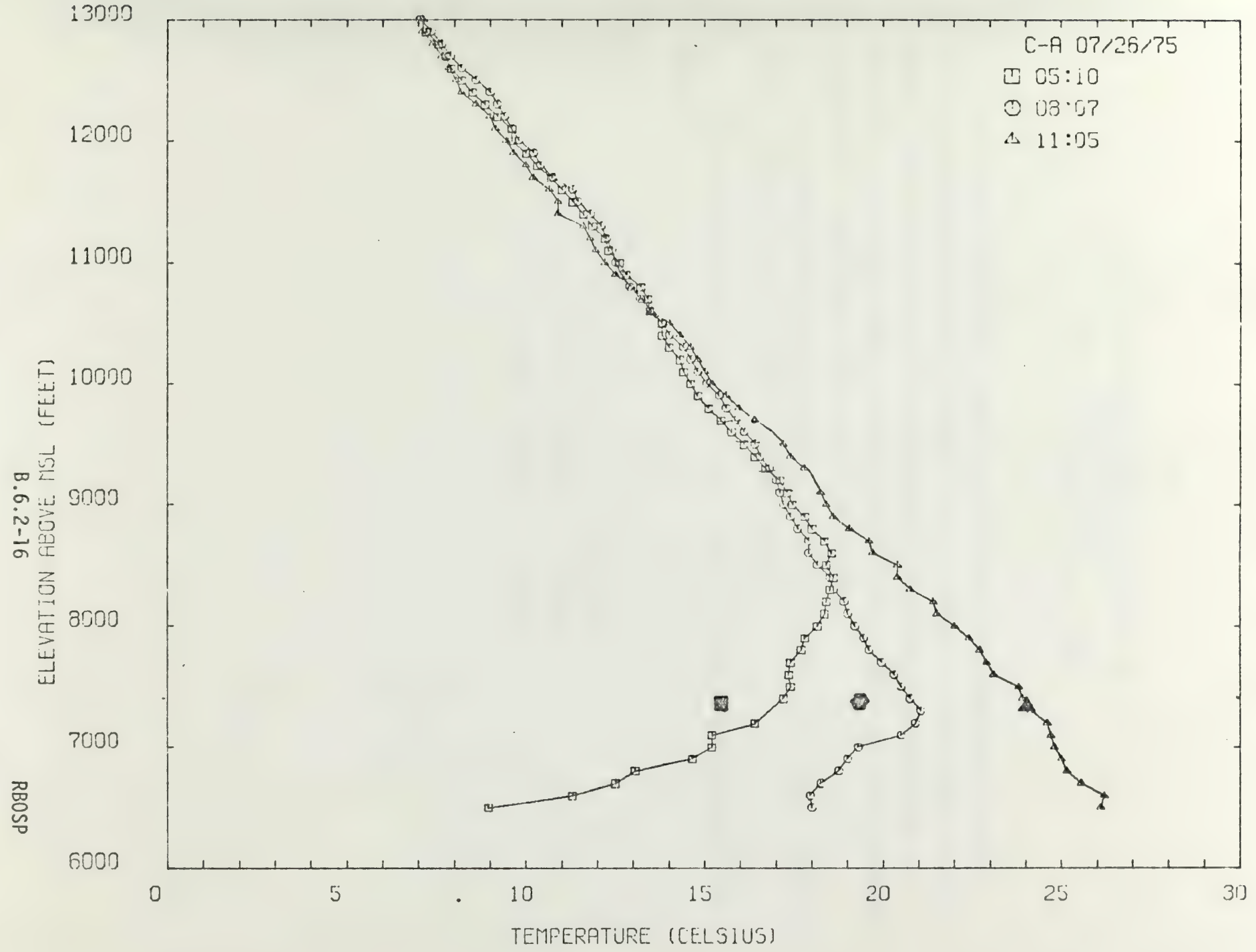
RBOSP


C-A 7/24/75
05:12
08:10
11:06
17:00
13000
12000
11000
10000
9000
8000
7000
6000
0
5
10
15
20
25
30
ELEVATION ABOVE MSL (FEET)
TEMPERATURE (CELSIUS)
B.6.2-14
RBOSP


C-A 7/25/75
05:00
08:15
11:07
13000
12000
11000
10000
9000
8000
7000
6000
0
5
10
15
20
25
30
ELEVATION ABOVE MSL (FEET)
TEMPERATURE (CELSIUS)

B.6.2-15

RBOSP


C-A 07/26/75
05:10
08:07
11:05
13000
12000
11000
10000
9000
8000
7000
6000
ELEVATION ABOVE MSL (FEET)
0
5
10
15
20
25
30
TEMPERATURE (CELSIUS)

B.6.2-16

RBOSP

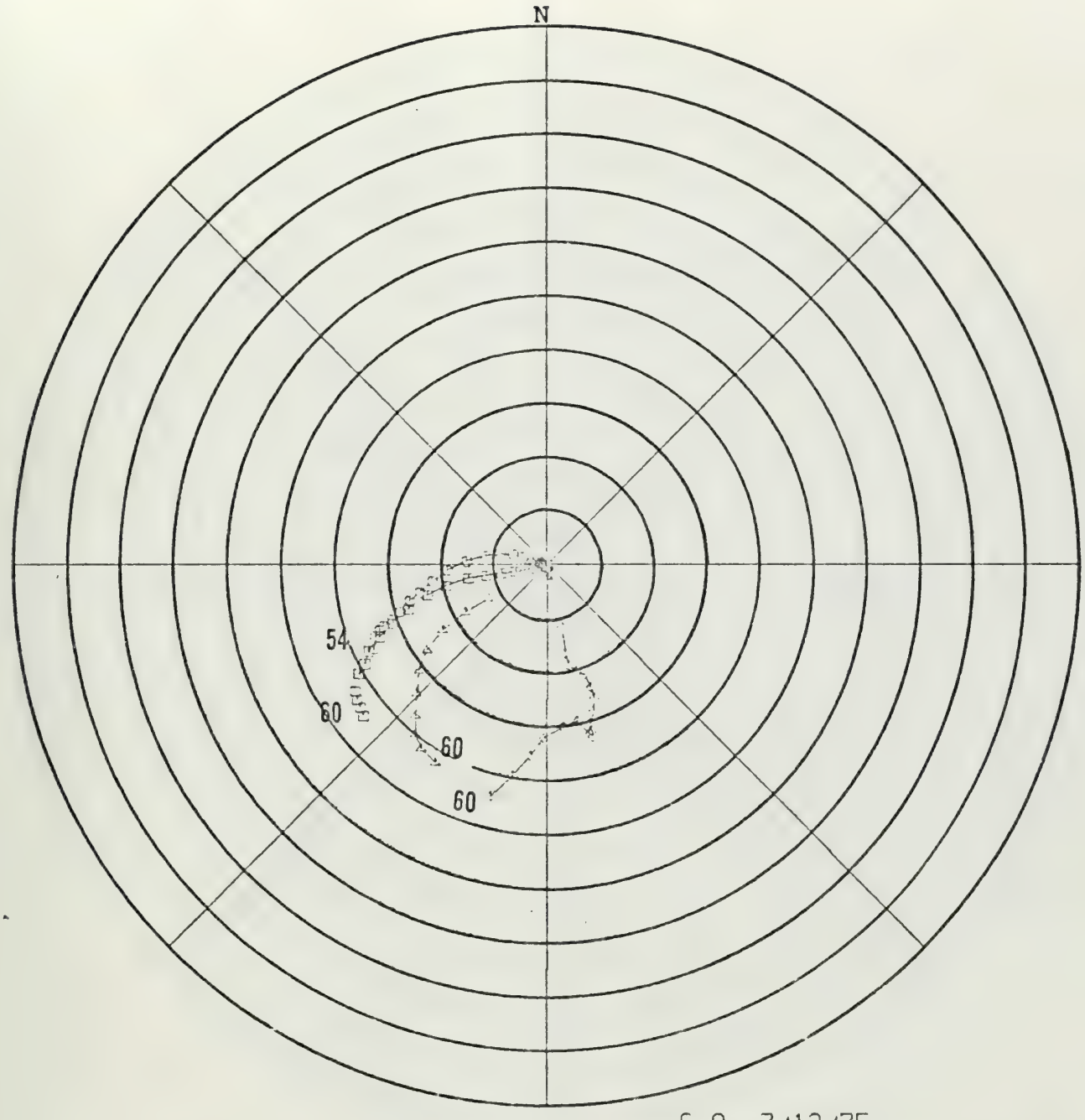
PILOT BALLOON SOUNDINGS OVER FEDERAL OIL SHALE TRACT C-a 12 JULY 1975 THROUGH 26 JULY 1975

The numbers next to the points represent the calculated height above the release point in hundreds of feet of the balloon above the surface at that point. Other heights can be determined given that each continuous point is vertically displaced 300 feet from the nearest points. Where data were missing, no point was plotted, but the line was interrupted.

Horizontal distances are indicated by circular chart divisions. The horizontal distance scale is referenced in the legend.

The following point symbols are used for all soundings presented in this appendix:

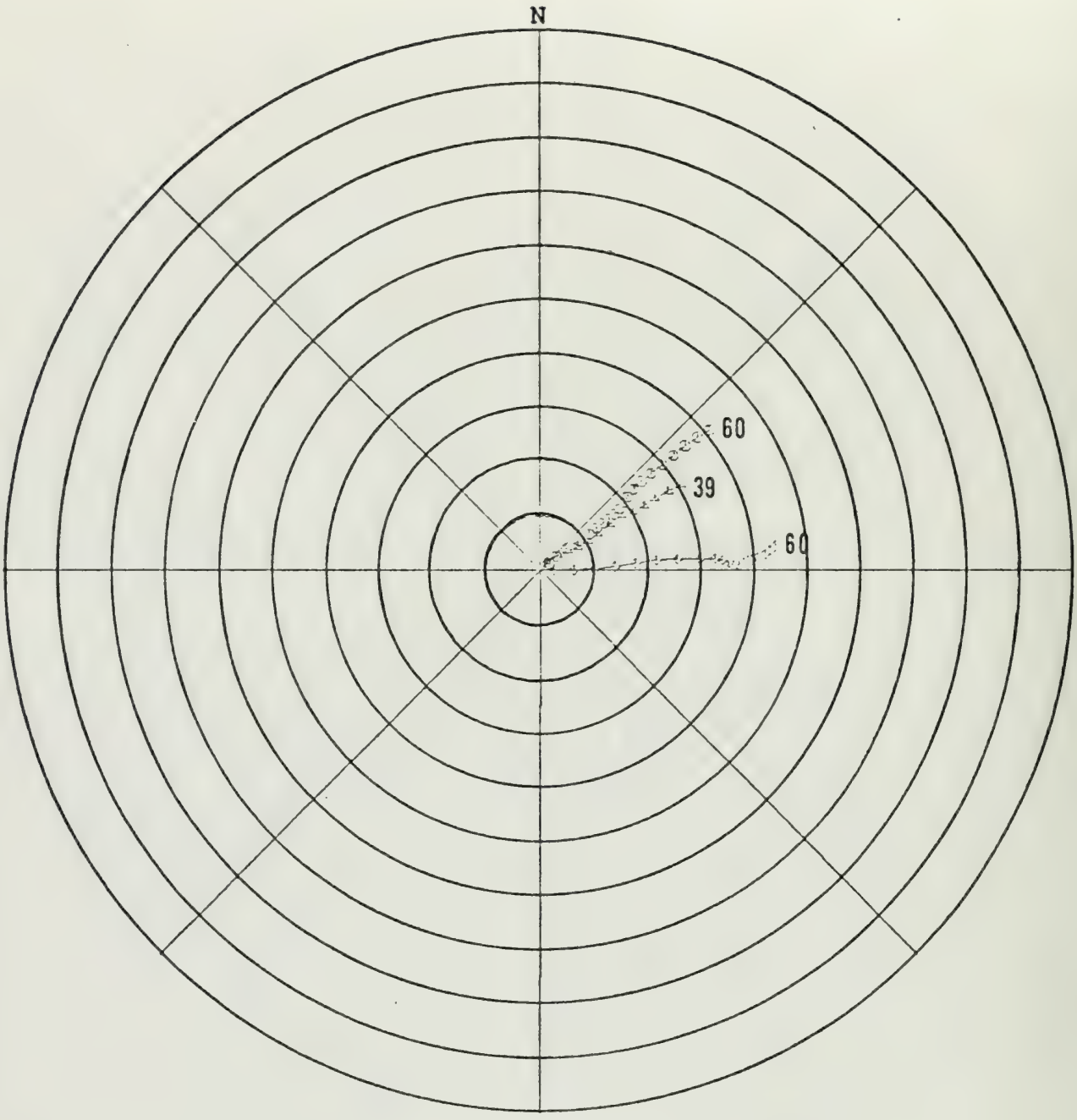
- □ Flight Number 1 nominally 0500 MST
- ⬡ Flight Number 2 nominally 0800 MST
- △ Flight Number 3 nominally 1100 MST
- ◇ Flight Number 4 nominally 1700 MST



C-A 7/12/75

⊡	06:10	2000 FEET/DIVISION
⊙	08:07	2000 FEET/DIVISION
△	10:58	500 FEET/DIVISION
⊽	16:46	500 FEET/DIVISION

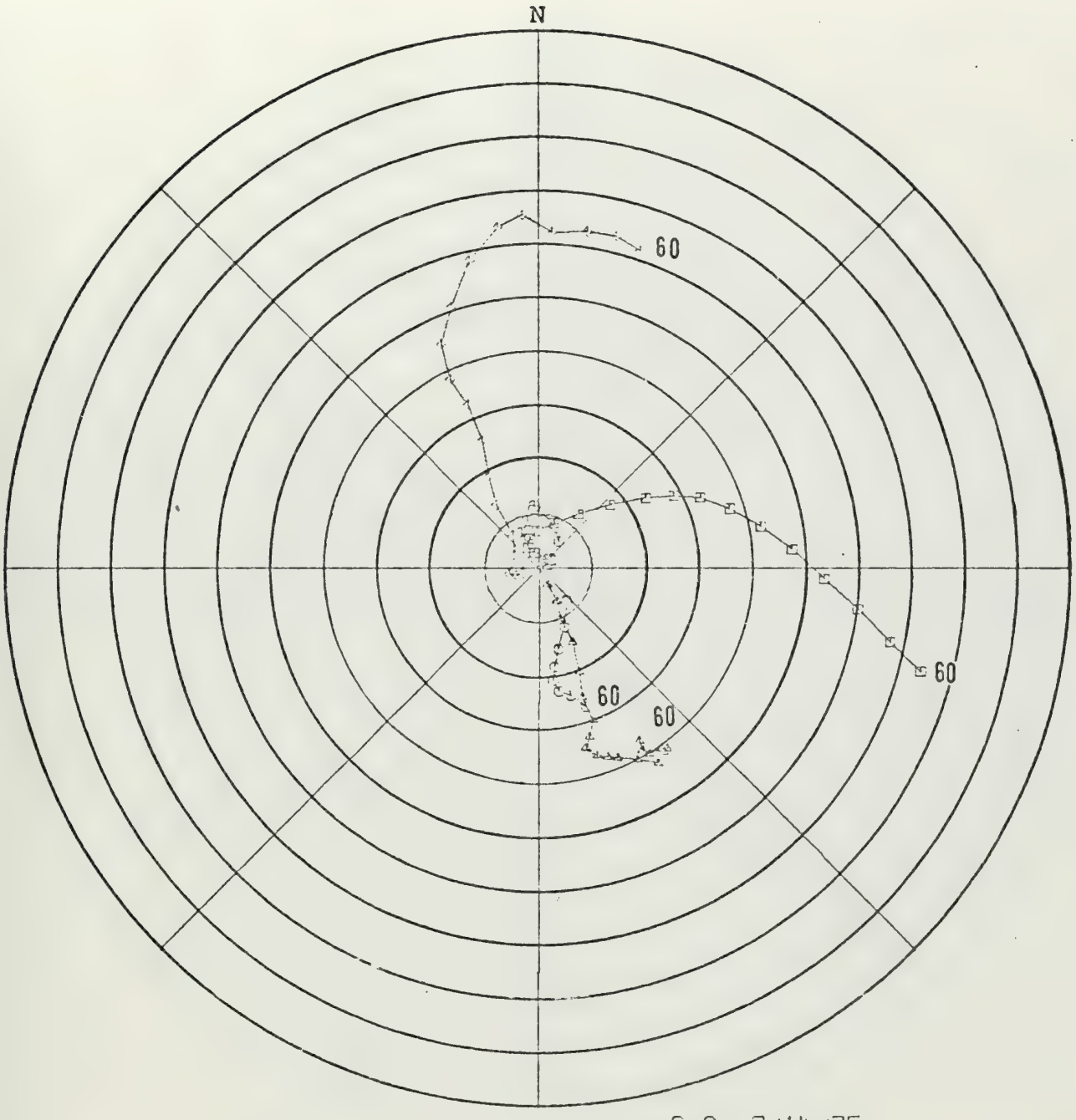
RBOSP



C-A 7/13/75

⏲	09:00	2000 FEET/DIVISION
⏃	10:58	2000 FEET/DIVISION
⏄	15:54	2000 FEET/DIVISION

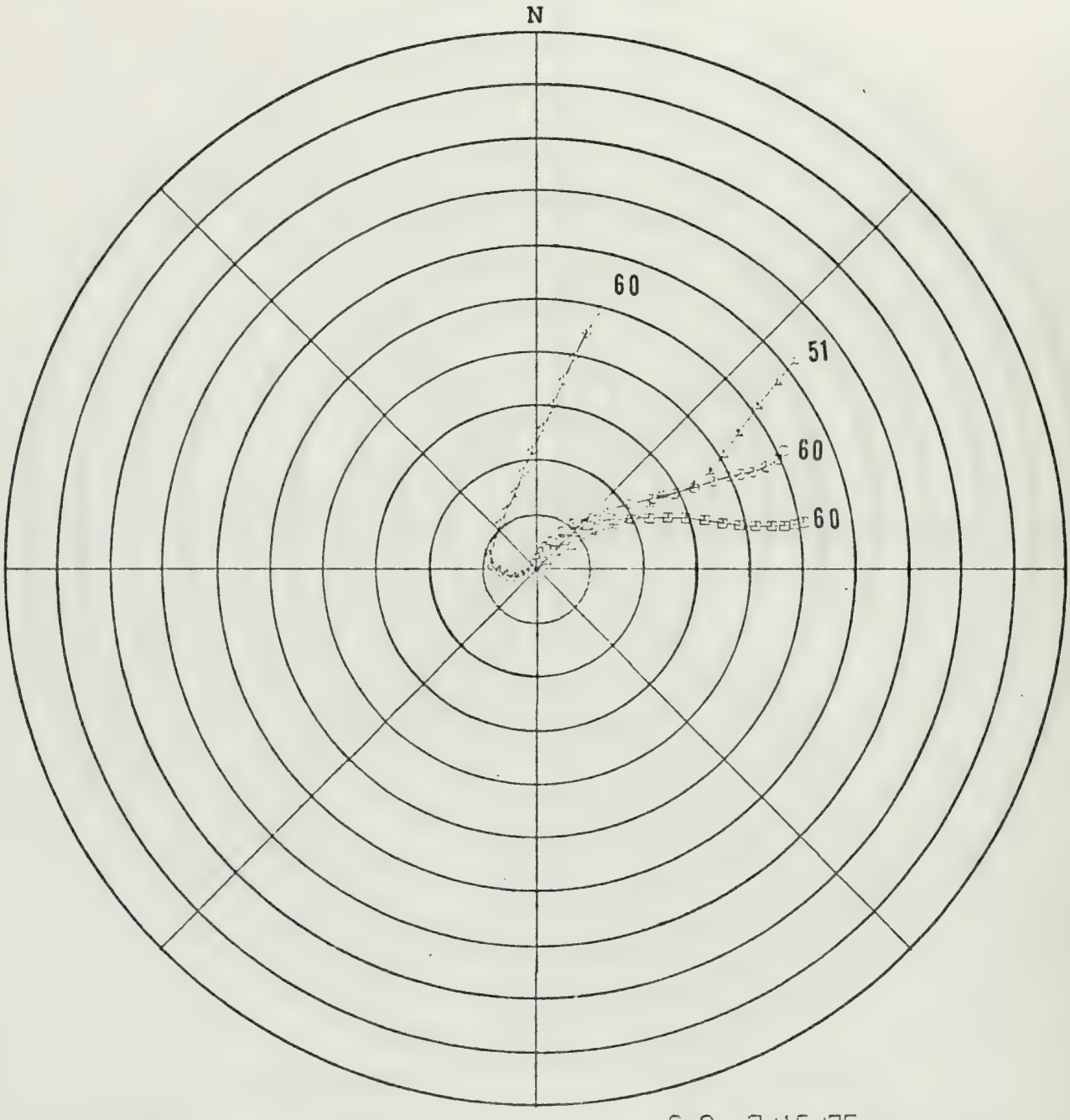
RBOSP



C-A 7/14/75

05:00	500 FEET/DIVISION
09:00	500 FEET/DIVISION
10:33	500 FEET/DIVISION
17:00	500 FEET/DIVISION

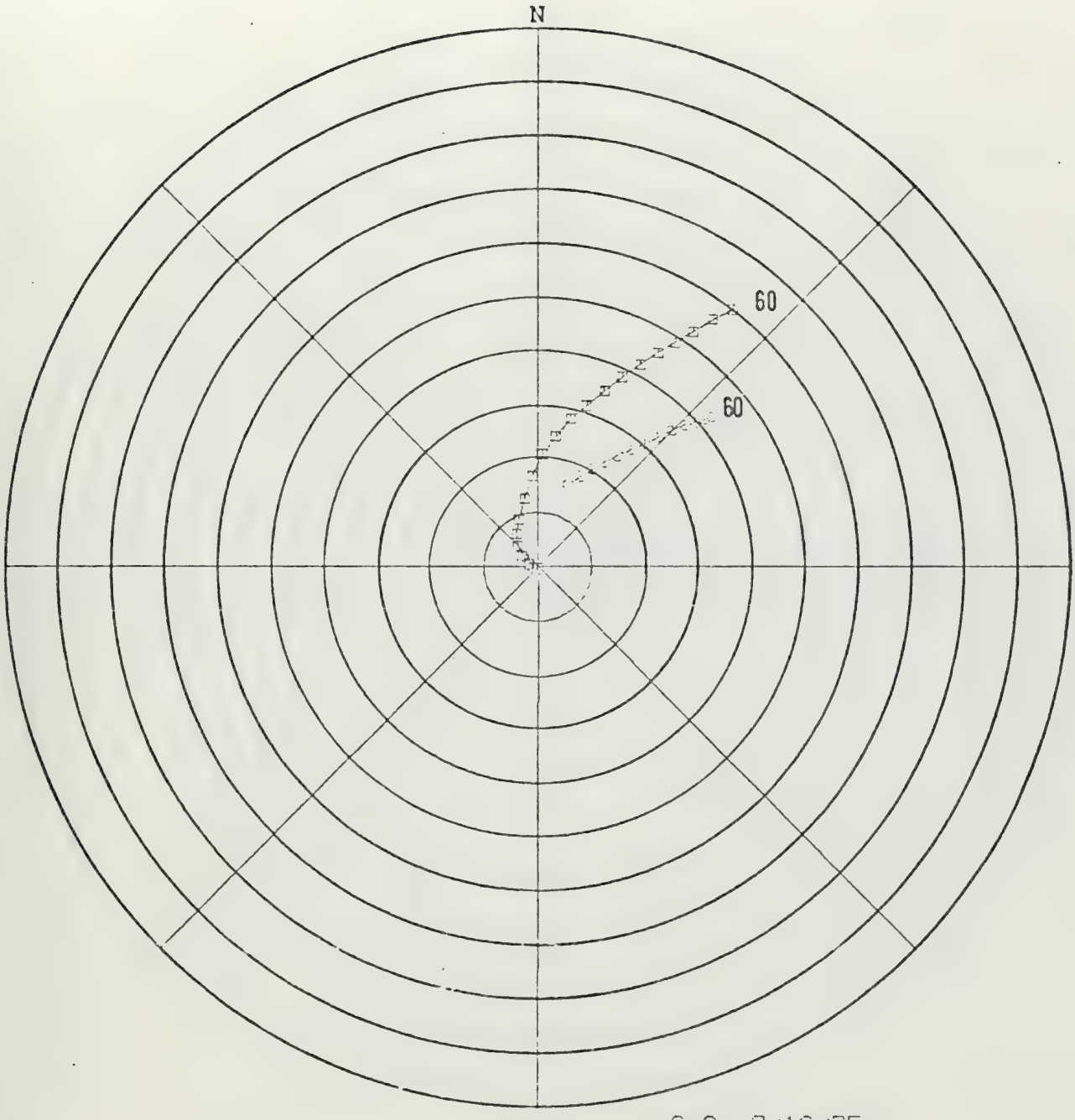
RBOSP



C-A 7/15/75

05:21	2000 FEET/DIVISION
08:02	2000 FEET/DIVISION
11:00	500 FEET/DIVISION
17:00	2000 FEET/DIVISION

RBOSP

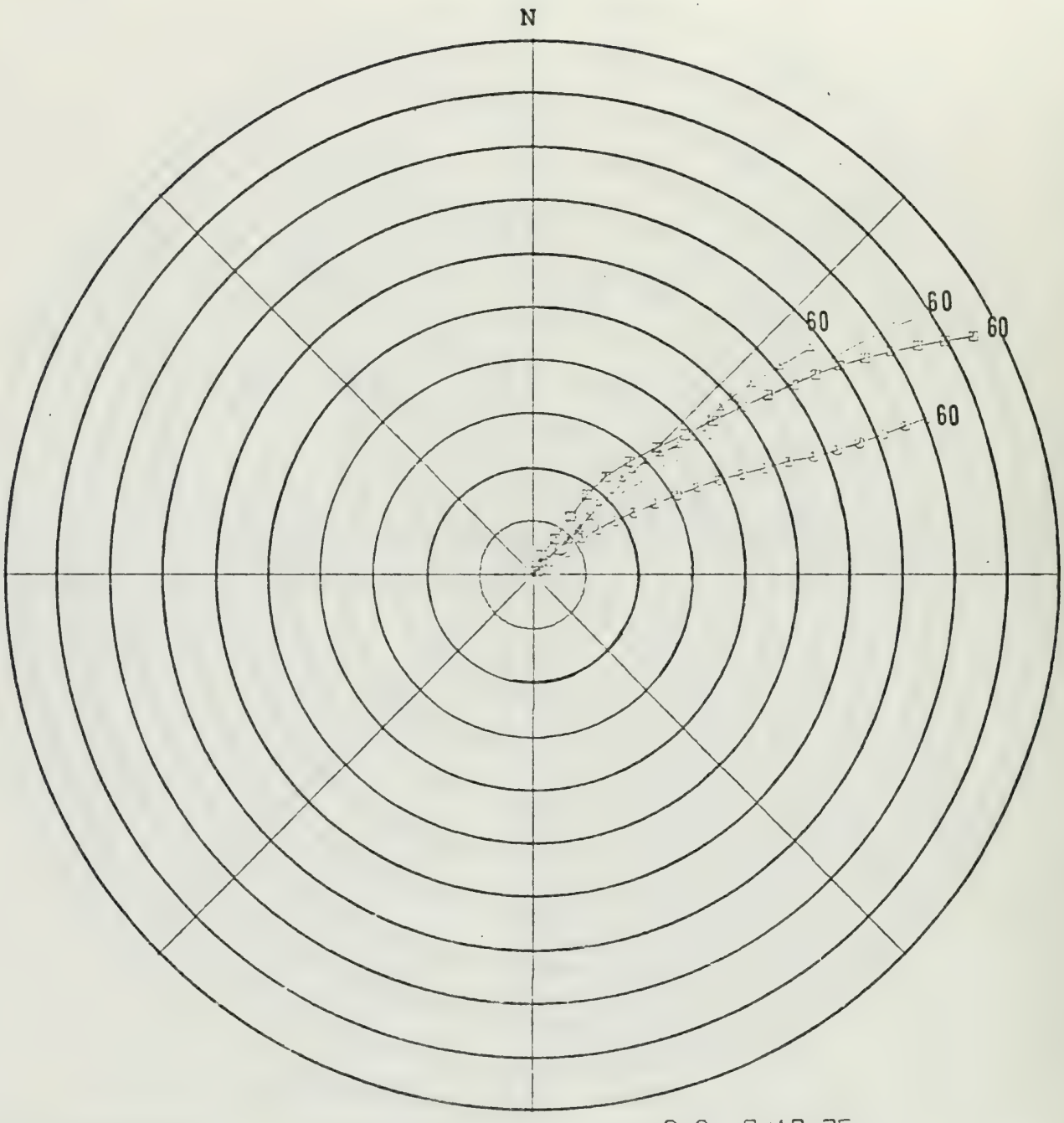


C-A 7/16/75

05:00 2000 FEET/DIVISION

03:00 2000 FEET/DIVISION

RBOSP



C-A 7/17/75

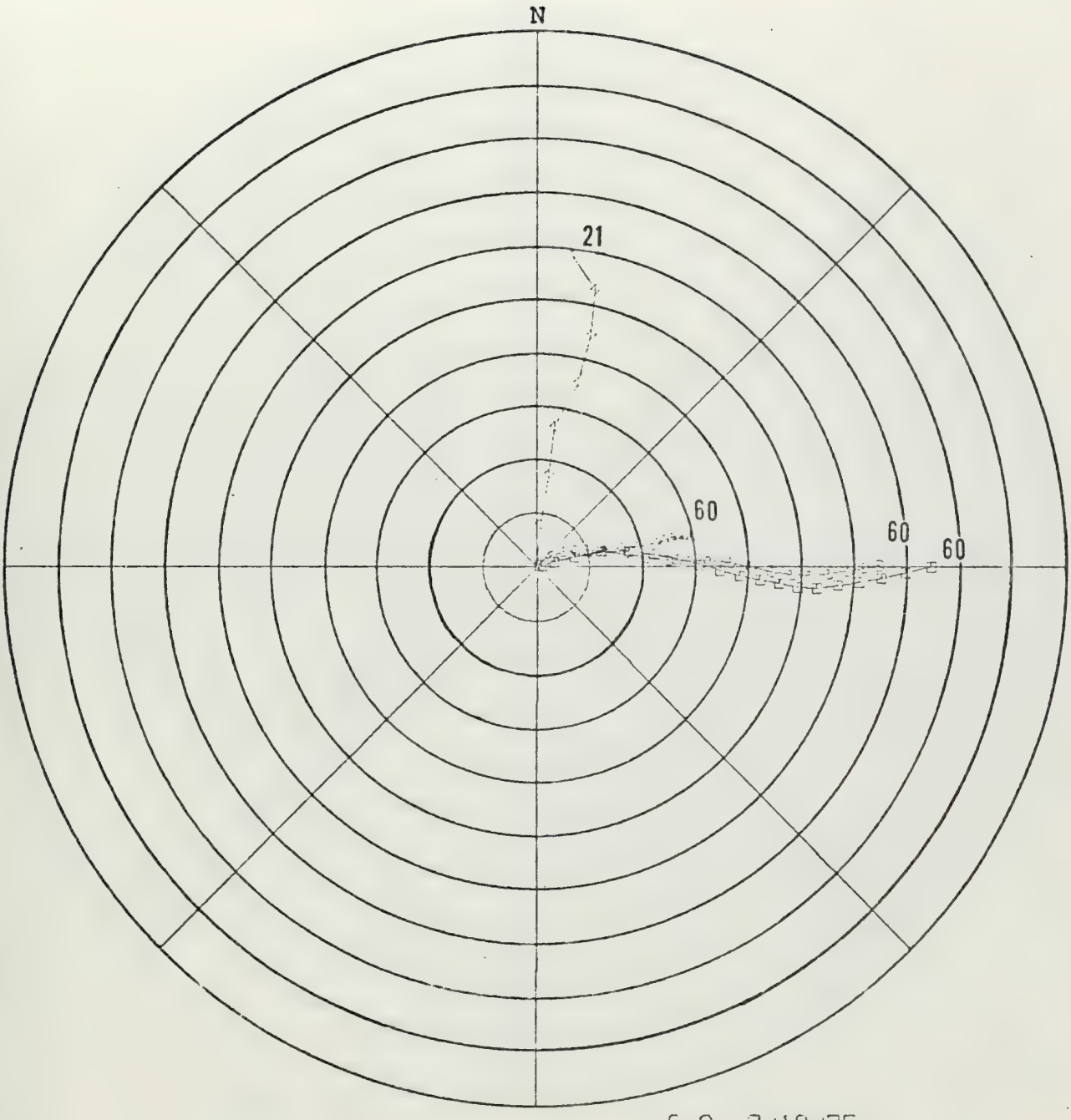
05:13 2000 FEET/DIVISION

08:00 2000 FEET/DIVISION

11:00 2000 FEET/DIVISION

17:00 2000 FEET/DIVISION

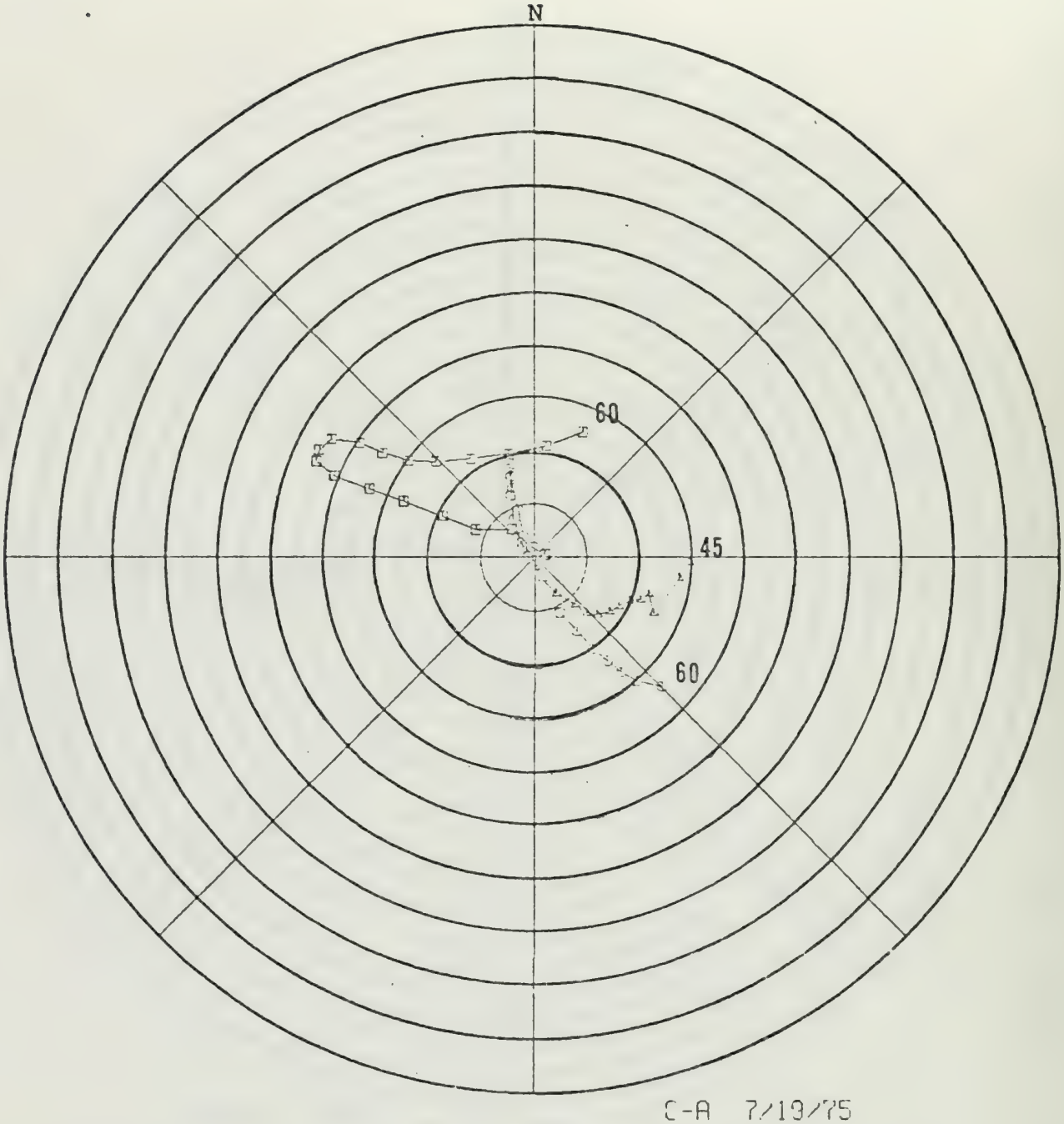
RBOSP



C-A 7/18/75

05:00	2000 FEET/DIVISION
08:05	2000 FEET/DIVISION
10:45	2000 FEET/DIVISION
17:03	500 FEET/DIVISION

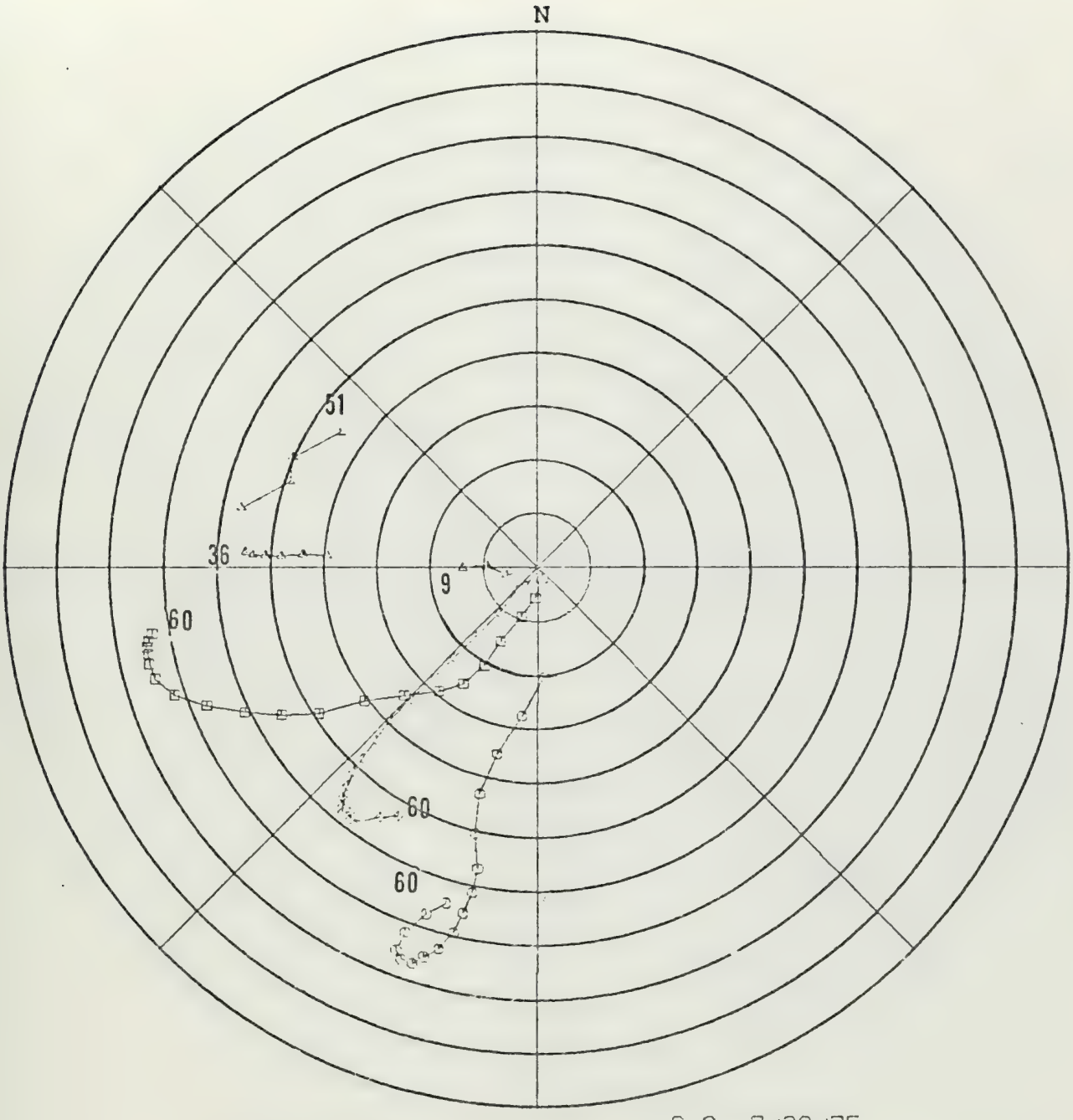
RBOSP



C-A 7/19/75

□	05:10	500 FEET/DIVISION
○	08:00	500 FEET/DIVISION
△	11:00	500 FEET/DIVISION

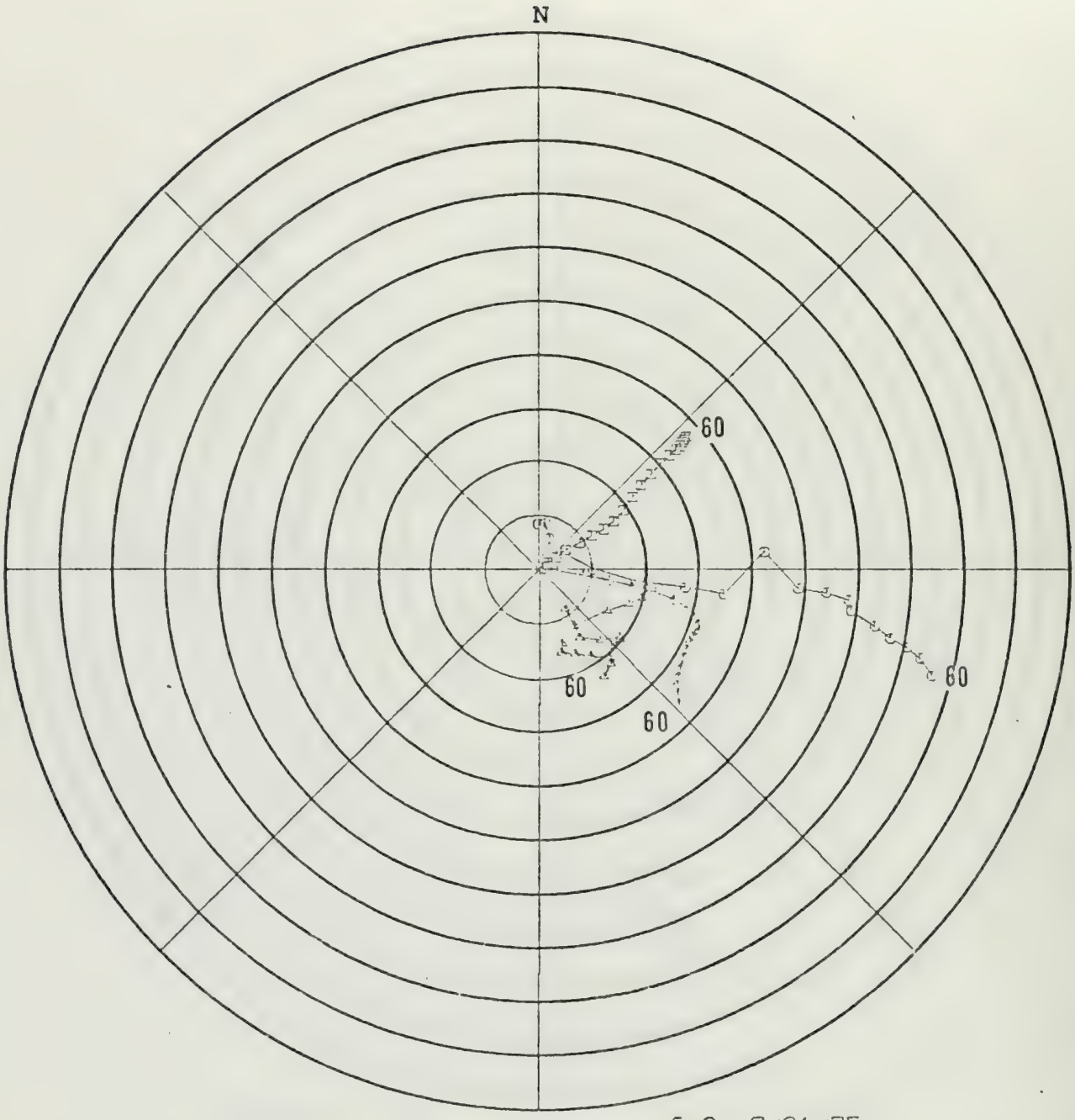
RBOSP



C-A 7/20/75

05:11	500 FEET/DIVISION
08:00	500 FEET/DIVISION
11:00	500 FEET/DIVISION
17:25	2000 FEET/DIVISION

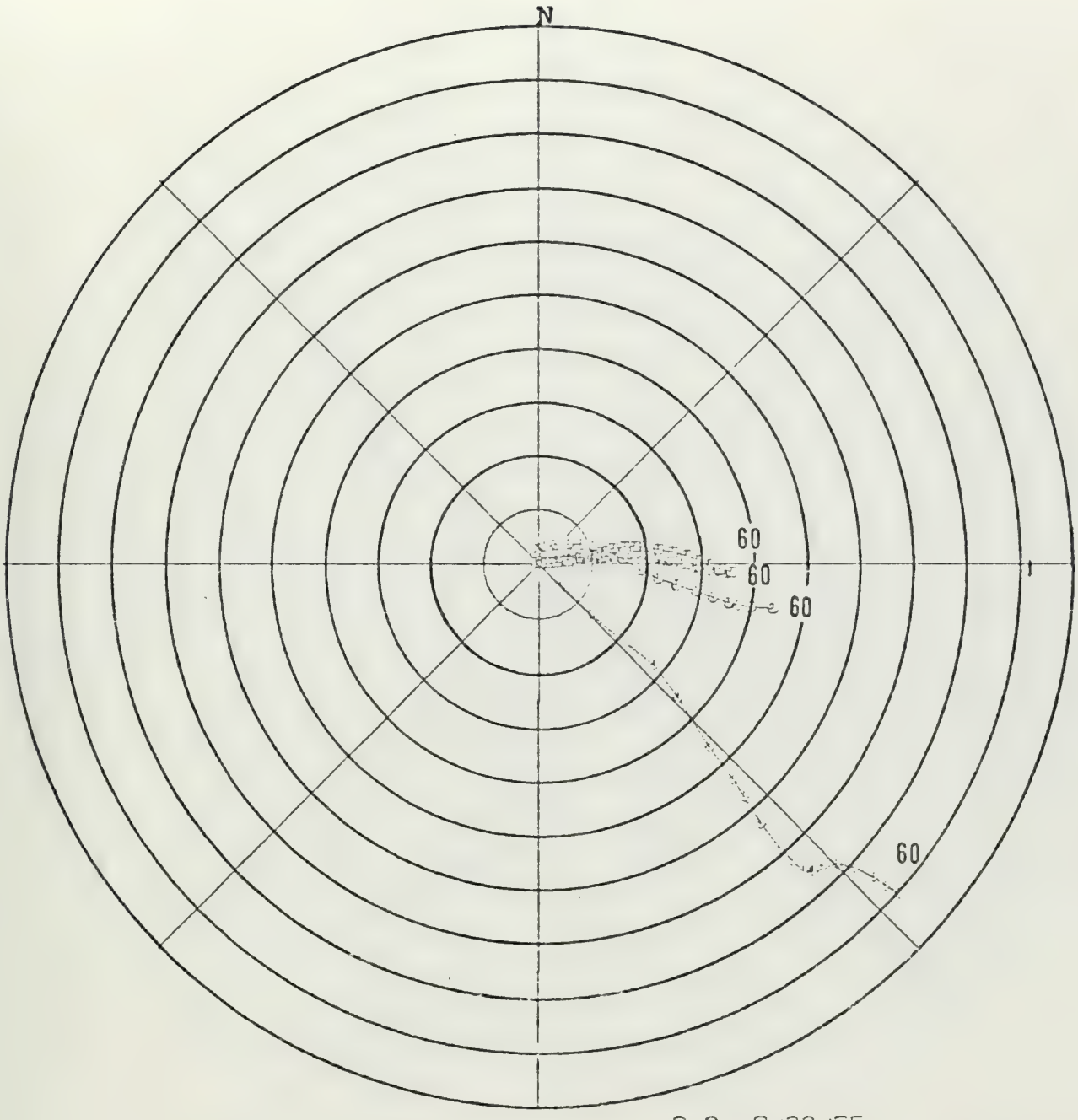
RBOSP



C-A 7/21/75

□ 05:15	2000 FEET/DIVISION
○ 08:55	500 FEET/DIVISION
△ 10:55	500 FEET/DIVISION
◇ 17:58	2000 FEET/DIVISION

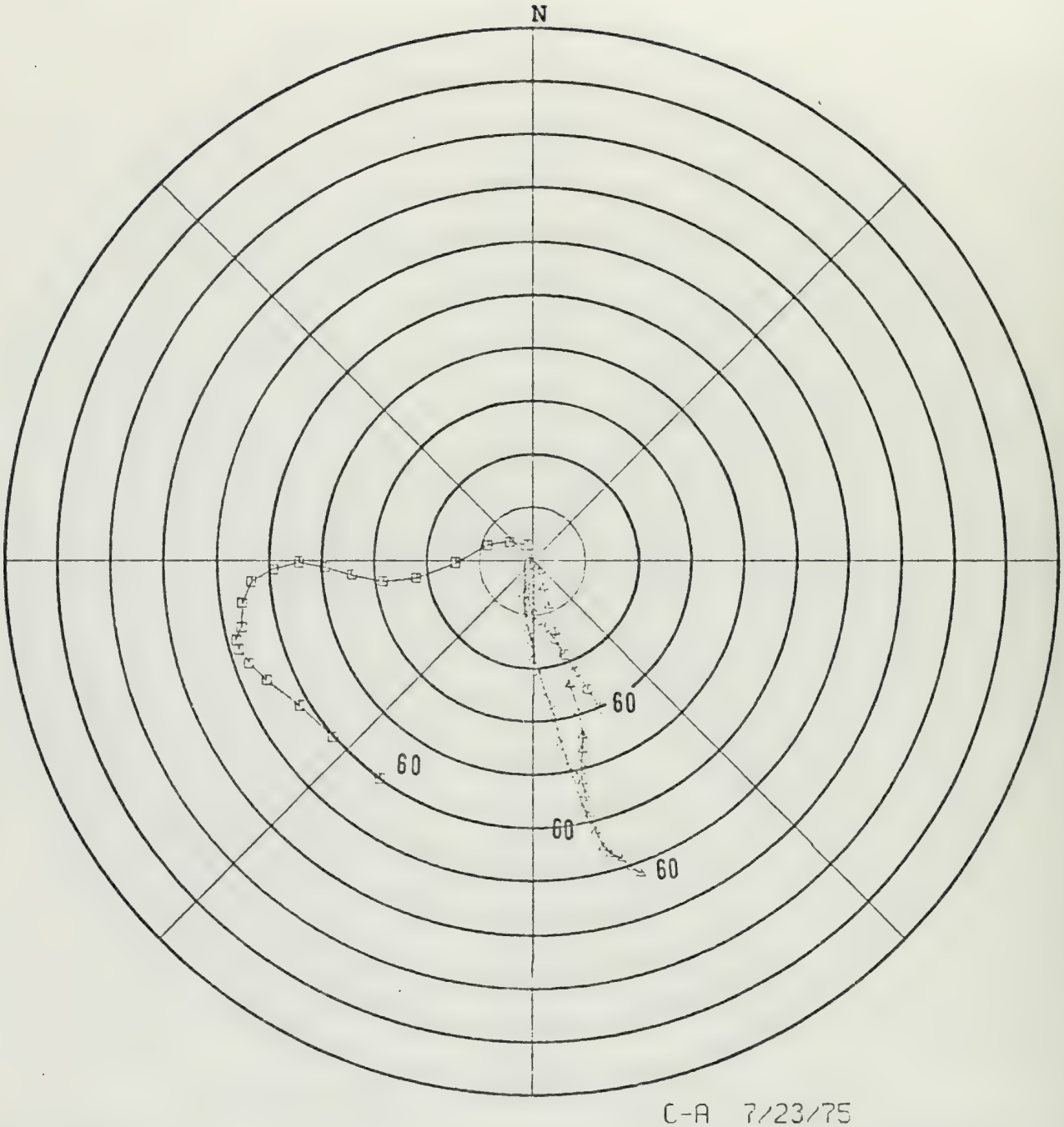
RBOSP



C-A 7/22/75

04:58	2000 FEET/DIVISION
09:00	2000 FEET/DIVISION
11:00	2000 FEET/DIVISION
17:00	500 FEET/DIVISION

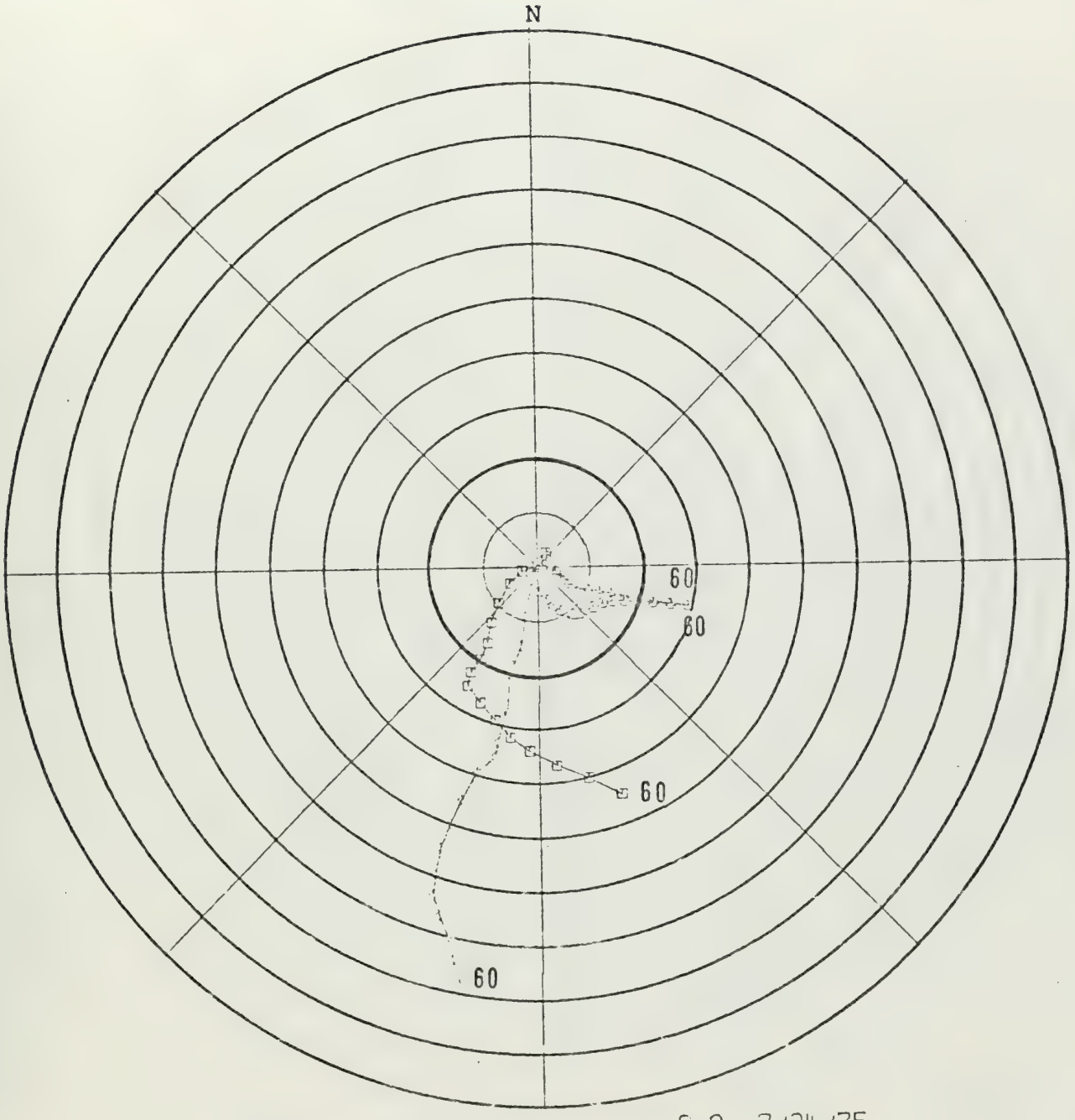
RBOSP



C-A 7/23/75

□ 05:15	500 FEET/DIVISION
○ 08:00	2000 FEET/DIVISION
△ 11:05	2000 FEET/DIVISION
◇ 17:00	2000 FEET/DIVISION

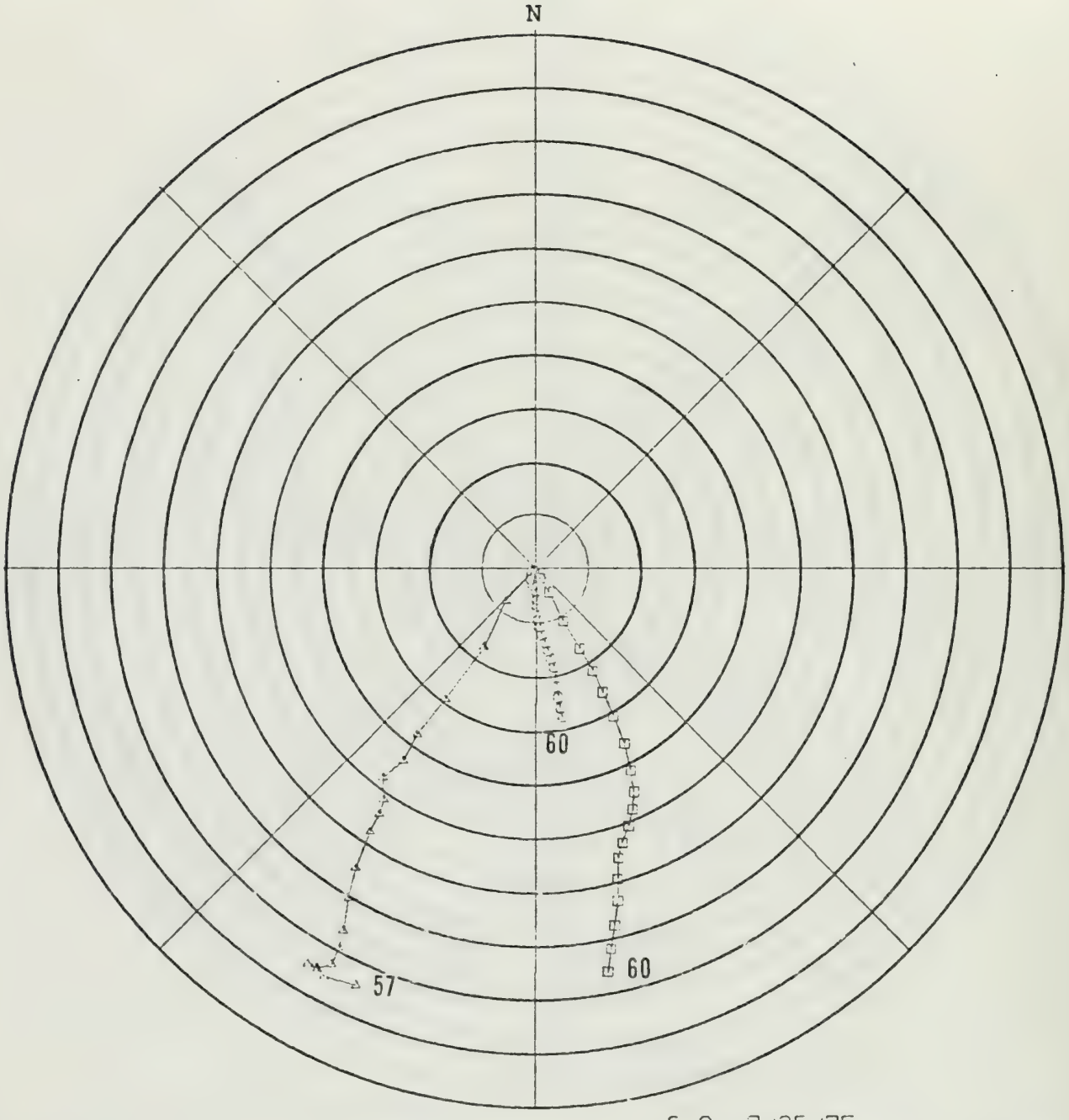
RBOSP



C-A 7/24/75

05:00	500 FEET/DIVISION
08:00	2000 FEET/DIVISION
11:00	2000 FEET/DIVISION
17:00	500 FEET/DIVISION

RBOSP



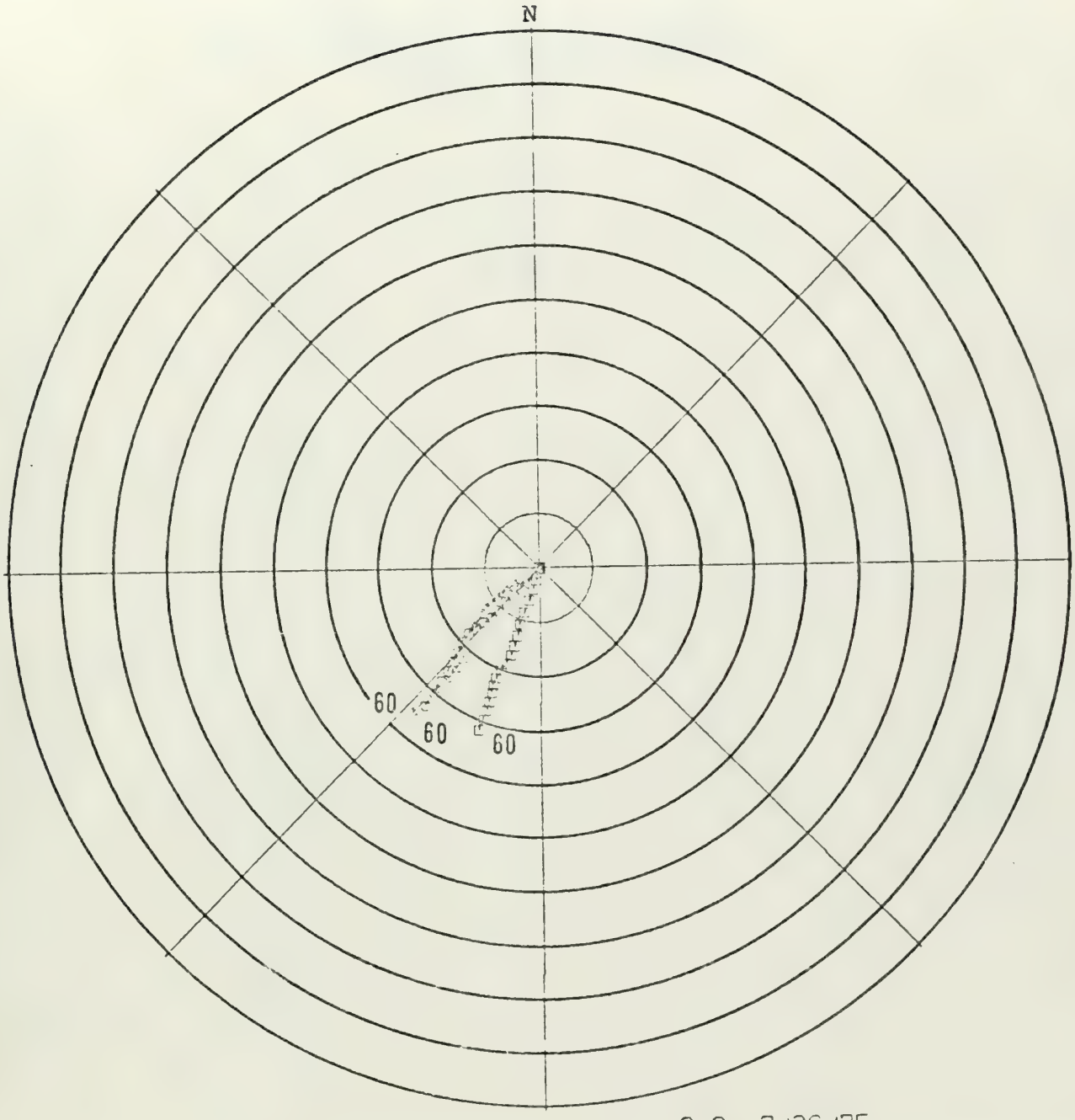
C-A 7/25/75

□ 05'00 500 FEET/DIVISION

○ 08'00 2000 FEET/DIVISION

△ 11'00 500 FEET/DIVISION

RBOSP



C-A 7/26/75
05:12 2000 FEET/DIVISION
08:00 2000 FEET/DIVISION
11:00 2000 FEET/DIVISION

RBOSP

SECTION B.7

METEOROLOGICAL DATA RECOVERY PERCENTAGE
FOR ALL CONTINUOUSLY MONITORED PARAMETERS
SUMMER 1975

B.7-1 to B.7-2

SECTION B.7

METEOROLOGICAL DATA RECOVERY PERCENTAGES FOR ALL CONTINUOUSLY MONITORED PARAMETERS FOR THE RBOSP

JUNE 1975

Parameters	Site 1	Site 2	Site 3	Site 4
WS10	98.19	97.22	99.03	99.17
WDR10	98.19	96.94	98.89	99.17
AT10	98.06	98.61	99.03	96.94
PREC	99.44	99.86	99.03	98.61
RH10	95.28			
SG10	98.19			
WS30	98.06			
WDR30	98.06			
AT30	98.19			
WS60	98.06			
WDR60	97.50			
DT60	97.08			
SI	76.25			

JULY 1975

Parameters	Site 1	Site 2	Site 3	Site 4
WS10	98.25	98.39	99.19	99.60
WDR10	98.25	98.39	99.19	99.33
AT10	98.25	98.39	99.19	99.60
PREC	99.46	99.87	99.19	99.06
RH10	98.25			
SG10	98.25			
WS30	98.25			
WDR30	98.25			
AT30	98.25			
WS60	98.25			
WDR60	98.12			
DT60	97.85			
SI	79.57			

AUGUST 1975

Parameters	Site 1	Site 2	Site 3	Site 4
WS10	95.30	98.66	98.52	97.98
WDR10	95.30	98.66	98.52	97.18
AT10	98.66	85.75	89.78	87.77
PREC	99.46	99.19	98.25	98.12
RH10	98.25			
SG10	95.30			
WS30	98.66			
WDR30	98.66			
AT30	97.45			
WS60	98.66			
WDR60	98.66			
DT60	98.25			
SI	62.10			

NOTE: Percentage values are not adjusted for calibration or Force Majeure outages. Values represent the percent of time continuously monitored parameters were measured.

WS10 Wind Speed at the 10-m level (mph)

WDR10 Wind Direction at the 10-m level (degrees)

AT10 Air Temperature at the 10-m level (degrees Celsius)

RH10 Relative Humidity at the 10-m level (percent)

SG10 Standard Deviation of the Wind Direction (wind sigma) at the 10-m level (degrees)

WS30 Wind Speed at the 30-m level (mph)

WD30 Wind Direction at the 30-m level (degrees)

AT30 Air Temperature at the 30-m level (degrees Celsius)

WS60 Wind Speed at the 60-m level (mph)

WDR60 Wind Direction at the 60-m level (degrees)

DT60 Temperature Difference (ΔT) between 10-m and 60-m level (degrees Celsius)

PREC Precipitation at ground level (inches of H_2O)

SI Solar Radiation at ground level (Langley)